

HFP Melter 1 Quantity	Complex	Medium	Simple
125	17	46	62
%	0.14	0.37	0.50
Total Jumper Quantity (CIS+) Both Melters			
543	74	200	269

COMPONENT TAG NUMBER	COMPONENT CLASS	DESCRIPTION	SAFETY CLASSIFICATION	QUALITY LEVEL	SYSTEM	FACILITY	DWPA REGULATED	ORIGINATING DESIGN DOC.	SSC CHARACTERISTIC	COMPONENT IDENTIFIER
24590-HLW-PY-HFP-JMPP-00001	EQUIPMENT	BLANK 3-WAY JUMPER	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00005002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00002	EQUIPMENT	BLANK 3-WAY JUMPER	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00005002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00003	EQUIPMENT	BLIND 3-WAY JUMPER	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20005002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00004	EQUIPMENT	BLIND 3-WAY JUMPER	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20005002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00007	EQUIPMENT	JUMPER PLANT WASH TO HFP-PMP-00005A	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00008	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00009	EQUIPMENT	JUMPER INST 3-WAY TO HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00010	EQUIPMENT	JUMPER INST TO HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00011	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00012	EQUIPMENT	JUMPER EJECTOR DISCHARGE HFP-EJCTR-00001	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00013	EQUIPMENT	JUMPER EJECTOR STEAM SUPPLY HFP-EJCTR-00001	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00014	EQUIPMENT	JUMPER SAMPLE RETURN TO HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00015	EQUIPMENT	AIR JUMPER HFP-YV-0034B/HFP-YV-0035B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00015-D	EQUIPMENT	BLIND JUMPER	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00015-E	EQUIPMENT	AIR JUMPER HFP-YV-0034B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00015-F	EQUIPMENT	AIR JUMPER HFP-YV-0035B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00016	EQUIPMENT	AIR JUMPER HFP-YV-2034B/HFP-YV-2035B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00016-D	EQUIPMENT	BLIND JUMPER	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00016-E	EQUIPMENT	AIR JUMPER HFP-YV-2034B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00016-F	EQUIPMENT	AIR JUMPER HFP-YV-2035B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00017	EQUIPMENT	JUMPER COOLING WTR SUPPLY HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00018	EQUIPMENT	3-WAY JUMPER (RIGID) FEED FROM/RETURN TO PTF	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00018-A	EQUIPMENT	JUMPER CONCENTRATE SUPPLY AND FLUSH RETURN HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00018-B	EQUIPMENT	JUMPER CONCENTRATE SUPPLY TO HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00018-C	EQUIPMENT	JUMPER CONCENTRATE SUPPLY TO HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00018-D	EQUIPMENT	SPARE CONCENTRATE RECEIPT JUMPER HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00019	EQUIPMENT	JUMPER HFP-PMP-00007 DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00020-A	EQUIPMENT	JUMPER CONCENTRATE SUPPLY AND FLUSH RETURN HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00020-B	EQUIPMENT	JUMPER CONCENTRATE SUPPLY HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00020-C	EQUIPMENT	JUMPER CONCENTRATE SUPPLY HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00020-D	EQUIPMENT	SPARE CONCENTRATE RECEIPT JUMPER HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00021	EQUIPMENT	JUMPER VESSEL VENT FROM HFP-DMST-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001003	AIR PERMIT	JMPP
24590-HLW-PY-HFP-JMPP-00022	EQUIPMENT	JUMPER 3-WAY TO HFP-DMST-00001	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00023	EQUIPMENT	JUMPER PNEUMERCATOR IN HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00024	EQUIPMENT	JUMPER COOLING WTR RTN FROM HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00025	EQUIPMENT	JUMPER HFP-PMP-00005B DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00026	EQUIPMENT	JUMPER HFP-PMP-00005A DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00027	EQUIPMENT	JUMPER PNEUMERCATOR IN HFP-VSL-00002	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00029	EQUIPMENT	JUMPER VESSEL VENT FROM HFP-DMST-00002	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HFP-JMPP-00030	EQUIPMENT	JUMPER INST 3-WAY TO HFP-DMST-00002	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00031	EQUIPMENT	JUMPER INST 3-WAY TO HFP-VSL-00002	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00032	EQUIPMENT	JUMPER 3-WAY TO HFP-DMST-00003	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00033	EQUIPMENT	JUMPER SPARE	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00035	EQUIPMENT	JUMPER EJECTOR DISCHARGE HFP-EJCTR-00002	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00036	EQUIPMENT	JUMPER EJECTOR STEAM SUPPLY HFP-EJCTR-00002	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00037	EQUIPMENT	JUMPER SAMPLE RETURN TO HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00038	EQUIPMENT	HFP-WBOX-00044 NOZZLE N015 BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00039	EQUIPMENT	JUMPER COOLING WATER SUPPLY TO HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00040	EQUIPMENT	JUMPER COOLING WTR SUPPLY TO HFP-VSL-00002	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00041	EQUIPMENT	JUMPER COOLING WATER RTN FROM HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00042	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00043	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00044	EQUIPMENT	JUMPER HLW MELTER FEED	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00045	EQUIPMENT	HFP-WBOX-00044 NOZZLE N016 BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00046	EQUIPMENT	HFP-WBOX-00044 NOZZLE N017 BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00047	EQUIPMENT	JUMPER PNEUMERCATOR IN HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00048	EQUIPMENT	JUMPER HLW MELTER FEED	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00049	EQUIPMENT	JUMPER GLASS FORMER FEED TO HFP-VSL-00005	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00050	EQUIPMENT	JUMPER HFP-PMP-00017 DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00052	EQUIPMENT	JUMPER HFP-WBOX-00055, N015 BLANK (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00053	EQUIPMENT	JUMPER SAMPLE RTN TO HFP-VSL-00002	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00054	EQUIPMENT	JUMPER HFP-WBOX-00055, N016 BLANK (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00055	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00002	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00056	EQUIPMENT	JUMPER VESSEL VENT FROM HFP-DMST-00003	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001003	AIR PERMIT	JMPP
24590-HLW-PY-HFP-JMPP-00058	EQUIPMENT	JUMPER COOLING WTR RTN FROM HFP-VSL-00002	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00059	EQUIPMENT	JUMPER PLANT WASH TO HFP-PMP-00005B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00060	EQUIPMENT	JUMPER PLANT WASH TO HFP-PMP-00007	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00061	EQUIPMENT	JUMPER HFP-VSL-00001 OVERFLOW TO HFP-SUMP-00002	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP

24590-HLW-PY-HFP-JMPP-00062	EQUIPMENT	JUMPER HFP-VSL-00002 OVERFLOW	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00063	EQUIPMENT	JUMPER GLASS FORMER FEED TO HFP-VSL-00001	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00064	EQUIPMENT	JUMPER HFP-EJCTR-00001	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00065	EQUIPMENT	JUMPER HFP-EJCTR-00005	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00066	EQUIPMENT	JUMPER SAMPLE RETURN TO HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00067	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00068	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00069	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00070	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00072	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00073	EQUIPMENT	JUMPER PLANT WASH TO HFP-PMP-00018A	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00075	EQUIPMENT	JUMPER 3-WAY TO SPARE LINES	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00076	EQUIPMENT	JUMPER HFP-WBOX-00055, N017 BLANK (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00077	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00078	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00079	EQUIPMENT	JUMPER HFP-PMP-00018A DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00080	EQUIPMENT	JUMPER SAMPLE RETURN TO HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00081	EQUIPMENT	JUMPER (SPARE) HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00082	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00002	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00084	EQUIPMENT	JUMPER PNEUMERCATOR IN HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00086	EQUIPMENT	JUMPER PLANT WASH TO HFP-PMP-00018B	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00087	EQUIPMENT	JUMPER 3-WAY (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00088	EQUIPMENT	JUMPER HFP-PMP-00018B DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00089	EQUIPMENT	JUMPER HFP-VSL-00005 OVERFLOW TO HFP-SUMP-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00090	EQUIPMENT	JUMPER EJECTOR STEAM SUPPLY HFP-EJCTR-00005	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00091	EQUIPMENT	JUMPER EJECTOR DISCHARGE HFP-EJCTR-00005	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00092	EQUIPMENT	JUMPER SAMPLE RETURN TO HFP-VSL-00006	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00093	EQUIPMENT	JUMPER PLANT WASH TO HFP-PMP-00017	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00095	EQUIPMENT	JUMPER EJECTOR DISCHARGE HFP-EJCTR-00004	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00096	EQUIPMENT	JUMPER EJECTOR STEAM SUPPLY HFP-EJCTR-00004	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00098	EQUIPMENT	JUMPER INST 3-WAY TO HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00099	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00100	EQUIPMENT	JUMPER BLANK	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00101	EQUIPMENT	JUMPER FOR MELTER 2 FEED PROCESS SLURRY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00102	EQUIPMENT	JUMPER FOR MELTER 2 FEED PROCESS SLURRY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00103	EQUIPMENT	JUMPER HFP-VSL-00006 OVERFLOW	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00104	EQUIPMENT	JUMPER INST 3-WAY TO HFP-DMST-00004	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00105	EQUIPMENT	JUMPER VESSEL VENT FROM HFP-DMST-00004	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HFP-JMPP-00107	EQUIPMENT	JUMPER COOLING WTR SUPPLY TO HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00108	EQUIPMENT	JUMPER COOLING WTR RTN FROM HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00109	EQUIPMENT	JUMPER RADAR PIPE	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-RD-20005001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00110	EQUIPMENT	TRANSFER PUMP DISCHARGE/SAMPLER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00111	EQUIPMENT	TRANSFER PUMP DISCHARGE/SAMPLER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00112	EQUIPMENT	JUMPER HFP-EJCTR-00002 SUCTION	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00113	EQUIPMENT	TRANSFER PUMP DISCHARGE/SAMPLER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00114	EQUIPMENT	TRANSFER PUMP DISCHARGE/SAMPLER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00115	EQUIPMENT	JUMPER HFP-EJCTR-00004 SUCTION	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00116	EQUIPMENT	PROCESS JUMPER RADAR PIPE	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-RD-00008002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00121	EQUIPMENT	3-WAY JUMPER BLANK	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00121-A	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00121-B	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00121-C	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00122	EQUIPMENT	3-WAY JUMPER BLANK	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00123	EQUIPMENT	3-WAY JUMPER BLANK	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00124	EQUIPMENT	3-WAY JUMPER BLANK	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00125	EQUIPMENT	PURGE AIR HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00126	EQUIPMENT	AIR AMPLIFIER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00127	EQUIPMENT	AGITATOR OIL SUPPLY	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00127-A	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00127-B	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00127-C	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00128	EQUIPMENT	PURGE AIR HFP-VSL-00002	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00129	EQUIPMENT	AIR AMPLIFIER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00130	EQUIPMENT	AGITATOR OIL SUPPLY	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00131	EQUIPMENT	PURGE AIR HFP-VSL-00005,	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00132	EQUIPMENT	AIR AMPLIFIER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00133	EQUIPMENT	AGITATOR OIL SUPPLY	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00134	EQUIPMENT	PURGE AIR HFP-VSL-00006	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00135	EQUIPMENT	AIR AMPLIFIER SUPPLY	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20008001	NONE	JMPP

24590-HLW-PY-HFP-JMPP-00136	EQUIPMENT	AGITATOR OIL SUPPLY	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00137	EQUIPMENT	Jumper HFP-ZE-00057-S11B-001/2 to HFP-SUMP-00002	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-RD-00008002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00138	EQUIPMENT	HFP-WBOX-00050 NOZZLE N002 BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00139	EQUIPMENT	HFP-WBOX-00050 NOZZLE N003 BLANK	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00140	EQUIPMENT	HFP-VSL-00001 NOZZLE N20 BLIND	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00141	EQUIPMENT	HFP-WBOX-00061 NOZZLE N002 BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00142	EQUIPMENT	HFP-WBOX-00061 NOZZLE N003 BLANK	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00143	EQUIPMENT	HFP-VSL-00005 NOZZLE N20 BLIND	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00144	EQUIPMENT	HFP-WBOX-00046 N005 BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00145	EQUIPMENT	HFP-WBOX-00046 N002 BLANK	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00146	EQUIPMENT	JUMPER HFP-EJCTR-00002 STEAM SUPPLY BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00147	EQUIPMENT	HFP-WBOX-00044 N007 BLANK	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00148	EQUIPMENT	HFP-VSL-00002 N35 BLIND	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00149	EQUIPMENT	HFP-WBOX-00057 N005 BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00150	EQUIPMENT	HFP-WBOX-00057 N004 BLANK	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00151	EQUIPMENT	JUMPER HFP-EJCTR-00004 STEAM SUPPLY BLANK	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00152	EQUIPMENT	JUMPER HFP-WBOX-00055, N007 BLANK	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00153	EQUIPMENT	JUMPER HFP-VSL-00006, N35 BLIND	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00156	EQUIPMENT	JUMPER PLANT WASH TO HFP-DMST-00001	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00157	EQUIPMENT	PLANT WASH TO HFP-DMST-00002	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00158	EQUIPMENT	JUMPER PLANT WASH TO HFP-DMST-00003	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00159	EQUIPMENT	PLANT WASH TO HFP-DMST-00004	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00160	EQUIPMENT	JUMPER COVER (HFP-PMP-00007)	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00161	EQUIPMENT	JUMPER COVER (HFP-PMP-00017)	SC	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00162	EQUIPMENT	JUMPER PLANT WASH TO HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00163	EQUIPMENT	JUMPER TEMPERATURE PROBE FOR HFP-VSL- 00001	NON-SAFETY	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00167	EQUIPMENT	JUMPER TEMPERATURE PROBE FOR HFP-VSL-00002	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00168	EQUIPMENT	JUMPER TEMPERATURE PROBE FOR HFP-VSL-00006	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00169	EQUIPMENT	JUMPER TEMPERATURE PROBE FOR HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00170	EQUIPMENT	JUMPER (SPARE) HFP- WBOX-00044 NOZZLE N009	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00176	EQUIPMENT	JUMPER (BLANK) HFP-WBOX-00055 NOZZLE N009	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00182	EQUIPMENT	JUMPER BLANK PRIMARY CROSS-CONNECT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00183	EQUIPMENT	JUMPER CROSS-CONNECT TO VESSEL	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00184	EQUIPMENT	JUMPER ASX-SMPLR-00029 TO HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00185	EQUIPMENT	JUMPER BLANK PRIMARY CROSS-CONNECT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00186	EQUIPMENT	JUMPER CROSS-CONNECT TO VESSEL	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00187	EQUIPMENT	JUMPER SMPLR-42 TO HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00188	EQUIPMENT	JUMPER CROSS-CONNECT RECEIPT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00189	EQUIPMENT	HFP-ZF-64679-S11B-03 TO HFP-VSL-00001, N20	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00190	EQUIPMENT	JUMPER (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00191	EQUIPMENT	JUMPER (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00192	EQUIPMENT	HFP-WBOX-00048, N019 SPARE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00193	EQUIPMENT	HFP-WBOX-00048, N020 SPARE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00194	EQUIPMENT	HFP-WBOX-00048, N021 SPARE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00195	EQUIPMENT	JUMPER CROSS-CONNECT RECEIPT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00196	EQUIPMENT	JUMPER (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00197	EQUIPMENT	JUMPER (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00198	EQUIPMENT	JUMPER HFP-WBOX-00059 N019 (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00199	EQUIPMENT	JUMPER HFP-WBOX-00059 N020 (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00200	EQUIPMENT	JUMPER HFP-WBOX-00059 N021 (SPARE)	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00202	EQUIPMENT	HFP-WBOX-00047, N015 TO HFP-VSL-00001, N20	SS	Q	HFP	HLW	YES	24590-HLW-M6-RD-00008002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00204	EQUIPMENT	HFP-AGT-00004 AGITATOR OIL FILL LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00205	EQUIPMENT	HFP-AGT-00004 AGITATOR OIL DRAIN LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00207	EQUIPMENT	HFP-AGT-00005 AGITATOR OIL FILL LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00208	EQUIPMENT	HFP-AGT-00005 AGITATOR OIL DRAIN LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00210	EQUIPMENT	HFP-AGT-00001 AGITATOR OIL FILL LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00211	EQUIPMENT	HFP-AGT-00001 AGITATOR OIL DRAIN LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00213	EQUIPMENT	HFP-AGT-00002 AGITATOR OIL FILL LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00214	EQUIPMENT	HFP-AGT-00002 AGITATOR OIL DRAIN LINE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00221	EQUIPMENT	RLD-ZF-04136-S11B-02 HFP-VSL-00005, N20 or HFP-JMPP-00223	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00222	EQUIPMENT	RLD-ZF-64680-S11B-03 TO HFP-VSL-00005, N20	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00223	EQUIPMENT	From HFP-JMPP-00221, N02 to HFP-VSL-00006, N35	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00224	EQUIPMENT	HFP-WBOX-0047, N015 HFP-JMPP-00271, N01	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00225	EQUIPMENT	IN-BLEED JUMPER TO HFP-VSL-00001	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00226	EQUIPMENT	IN-BLEED JUMPER TO HFP-VSL-00002	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00227	EQUIPMENT	IN-BLEED JUMPER TO HFP-VSL-00005	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00228	EQUIPMENT	IN-BLEED JUMPER TO HFP-VSL-00006	NON-SAFETY	CM	HFP	HLW	YES	24590-HLW-M6-HFP-20008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00233	EQUIPMENT	JUMPER BLANK SECONDARY CROSS-CONNECT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00234	EQUIPMENT	JUMPER BLANK SECONDARY CROSS-CONNECT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP

24590-HLW-PY-HFP-JMPP-00235	EQUIPMENT	3-WAY SPARE CONNECTION TO HFP-VSL-00001	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00236	EQUIPMENT	3-WAY SPARE CONNECTION TO HFP-VSL-00002	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00237	EQUIPMENT	3-WAY SPARE CONNECTION TO HFP-VSL-00005	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00238	EQUIPMENT	3-WAY SPARE CONNECTION TO HFP-VSL-00006	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00242	EQUIPMENT	JUMPER SPARE	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00257	EQUIPMENT	JUMPER BLANK MELTER CAVE 1 SPARE TRANSFER LINE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00258	EQUIPMENT	JUMPER BLANK RLD-BULGE-00008 EFFLUENT DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00259	EQUIPMENT	JUMPER BLANK MELTER CAVE 2 SPARE TRANSFER LINE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00260	EQUIPMENT	JUMPER BLANK RLD-BULGE-00009 EFFLUENT DISCHARGE	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00261	EQUIPMENT	JUMPER CROSS-CONNECT TO VESSEL	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00262	EQUIPMENT	JUMPER CROSS-CONNECT TO VESSEL	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00263	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N29 VSL-00001	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00001005	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00263-A	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00263-B	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00263-C	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00264	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N28 VSL-00001	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00001005	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00264-A	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00264-B	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00264-C	JUMPER				HFP	HLW		24590-HLW-M6-HFP-00001005		JMPP
24590-HLW-PY-HFP-JMPP-00265	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N09 VSL-00002	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00002004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00266	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N08 VSL-00002	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-00002004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00267	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N29 VSL-00005	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20001005	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00268	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N28 VSL-00005	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20001005	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00269	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N09 VSL-00006	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20002004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00270	EQUIPMENT	3-WAY JUMPER SAFETY BUBBLER N08 VSL-00006	SS	Q	HFP	HLW	NO	24590-HLW-M6-HFP-20002004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00271	EQUIPMENT	HFP-JMPP-00224 TO HFP-VSL-00002, N35	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00002003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00272	EQUIPMENT	JUMPER TO HFP-VSL-00001, N20	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-00001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00273	EQUIPMENT	From HFP-JMPP-00223, N02 to HFP-VSL-00006, N35	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20002003	N/A	JMPP
24590-HLW-PY-HFP-JMPP-00274	EQUIPMENT	JUMPER TO HFP-VSL-00005, N20	NON-SAFETY	CM	HFP	HLW	NO	24590-HLW-M6-HFP-20001004	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00275	EQUIPMENT	JUMPER SECONDARY CROSS-CONNECT RECEIPT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00276	EQUIPMENT	JUMPER SECONDARY CROSS-CONNECT RECEIPT	SS	Q	HFP	HLW	YES	24590-HLW-M6-HFP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00001	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00001-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00002	EQUIPMENT	3 WAY JUMPER	SS	Q	HMP	HLW	YES	24590-HLW-M6-HMP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00002-D	EQUIPMENT	FLEXIBLE JUMPER	SS	Q	HMP	HLW	NO	24590-HLW-M6-HMP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00003	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00004	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00006	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00007	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00007-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00007-F	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00008	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-00013003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00009	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00013003	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00009-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00011	EQUIPMENT	CONTROL AIR	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00012	EQUIPMENT	FILM COOLER AIR	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-00002001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00013	EQUIPMENT	STANDBY OFFGAS AIR PURGE/ WATER FLUSH	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00021	EQUIPMENT	ELECTRODE COOLING AIR	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00004001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00022	EQUIPMENT	ELECTRODE COOLING AIR	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00004001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00023	EQUIPMENT	ELECTRODE COOLING AIR	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00004001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00025	EQUIPMENT	THREE WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00006002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00025-D	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00006002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00025-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00007001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00026	EQUIPMENT	RIGID JUMPER AIR SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00026-D	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00026-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00026-F	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00008001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00031	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00035	EQUIPMENT	COOLING WATER RETURN	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00036	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00038	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00040	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00042	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00014001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00045	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00014001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00055	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00056	EQUIPMENT	3 WAY JUMPER	SS	Q	HMP	HLW	YES	24590-HLW-M6-HMP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00057	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20001001	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00058	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20001002	NONE	JMPP
24590-HLW-PY-HFP-JMPP-00060	EQUIPMENT	CONTROL AIR	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-20002001	NONE	JMPP

24590-HLW-PY-HMP-JMPP-00061	EQUIPMENT	FILM COOLER AIR	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-20002001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00062	EQUIPMENT	STANDBY OFFGAS AIR PURGE/WATER FLUSH	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-20002002	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00063	EQUIPMENT	COOLING WATER RETURN	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00064	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00066	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00068	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00069	EQUIPMENT	ELECTRODE COOLING AIR -	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00071	EQUIPMENT	ELECTRODE COOLING AIR	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00072	EQUIPMENT	ELECTRODE COOLING AIR	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00078	EQUIPMENT	AIRLIFT GAS SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20006001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00078-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20007001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00079	EQUIPMENT	RIGID JUMPER AIR SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20008001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00079-D	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20008001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00079-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20008001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00079-F	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20008001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00082	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20002001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00082-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20002001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00082-F	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20002001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00083	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-20013003	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00084	EQUIPMENT	3 WAY JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20013003	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00084-E	EQUIPMENT	FLEXIBLE JUMPER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20008001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00086	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00088	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00091	EQUIPMENT	AIR AND WATER FOR QUENCH NOZZLE	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00104	EQUIPMENT	FEED SLURRY JUMPER	SS	Q	HMP	HLW	YES	24590-HLW-M6-HMP-20001001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00105	EQUIPMENT	FEED SLURRY JUMPER	SS	Q	HMP	HLW	YES	24590-HLW-M6-HMP-00001001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00106	EQUIPMENT	FEED SLURRY JUMPER	SS	Q	HMP	HLW	YES	24590-HLW-M6-HMP-00013003	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00107	EQUIPMENT	FEED SLURRY JUMPER	SS	Q	HMP	HLW	YES	24590-HLW-M6-HMP-20013003	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00129	EQUIPMENT	SPARE	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00130	EQUIPMENT	SPARE	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00131	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00132	EQUIPMENT	SPARE	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00133	EQUIPMENT	SPARE	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00134	EQUIPMENT	SPARE	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00135	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00136	EQUIPMENT	SPARE	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20014001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00137	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00138	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00139	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00140	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00141	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00142	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00143	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00144	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00145	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00146	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00151	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00152	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-00013003	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00153	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00154	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-20013003	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00155	EQUIPMENT	CAP FOR SPARE CAVE PENETRATION	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00002001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00156	EQUIPMENT	SPARE JUMPER	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00157	EQUIPMENT	BLIND JUMPER	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00158	EQUIPMENT	CAP FOR SPARE CAVE PENETRATION	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20002001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00160	EQUIPMENT	BLIND JUMPER	NON-SAFETY	CM	HMP	HLW	YES	24590-HLW-M6-HMP-20002002	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00161	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00162	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00164	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00166	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00168	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00170	EQUIPMENT	SPARE CAP	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20004001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00174	EQUIPMENT	AIR AND WATER FOR MISTER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00176	EQUIPMENT	AIR AND WATER FOR MISTER	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20002002	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00180	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-00003001	NONE	JMPP
24590-HLW-PY-HMP-JMPP-00181	EQUIPMENT	COOLING WATER SUPPLY	NON-SAFETY	CM	HMP	HLW	NO	24590-HLW-M6-HMP-20003001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00001	EQUIPMENT	PROCESS JUMPER PLANT WASH SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00006	EQUIPMENT	3-WAY JUMPER ASSEMBLY PNEUMERCATOR	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00011	EQUIPMENT	PROCESS JUMPER SBS OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00011-B	EQUIPMENT	JUMPER (FLEX) PRESSURE IMPULSE TUBE	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001001	NONE	JMPP

24590-HLW-PY-HOP-JMPP-00013	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00014	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00015	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00016	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00017	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00018	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00019	EQUIPMENT	PROCESS JUMPER VENT FROM HOP-VSL-00903	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00020	EQUIPMENT	PROCESS JUMPER AIR EJECTOR SIPHON	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00021	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE FROM HOP-VSL-00903	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00022	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE FROM HOP-VSL-00903	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00023	EQUIPMENT	PROCESS JUMPER SBS CONDENSATE OVERFLOW TO HOP-VSL-00903	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00024	EQUIPMENT	PROCESS JUMPER SBS CONDENSATE OVERFLOW TO HOP-VSL-00903	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00025	EQUIPMENT	PROCESS JUMPER SBS CONDENSATE OVERFLOW TO HOP-VSL-00903	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00026	EQUIPMENT	PROCESS JUMPER SBS COOLING JACKET SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00027	EQUIPMENT	PROCESS JUMPER SBS COOLING JACKET RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00031	EQUIPMENT	PROCESS JUMPER HOP-WESP-00001 DRAIN	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00032	EQUIPMENT	PROCESS JUMPER HOP-WESP-00001 OFFGAS	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00033	EQUIPMENT	PROCESS JUMPER OFFGAS INLET TO HOP-HEME-00001A	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00034	EQUIPMENT	PROCESS JUMPER HOP-HEME-00001A DRAIN	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00035	EQUIPMENT	PROCESS JUMPER HOP-HEME-00001A PLANT WASH	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00036	EQUIPMENT	3-WAY ASSEMBLY HOP-HEME-00001A PNEUMERCATOR	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00037	EQUIPMENT	PROCESS JUMPER (3-WAY) MISTING SPRAY FOR HOP-WESP-00001	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00002001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00040	EQUIPMENT	PROCESS JUMPER HOP-HEME-00001A OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00041	EQUIPMENT	PROCESS JUMPER OFFGAS INLET TO HOP-HEME-00001B	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00042	EQUIPMENT	PROCESS JUMPER (3-WAY) HOP-HEME-00001B DRAIN	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00043	EQUIPMENT	PROCESS JUMPER HOP-HEME-00001B PLANT WASH	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00044	EQUIPMENT	3-WAY ASSEMBLY HOP-HEME-00001B PNEUMERCATOR	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00045	EQUIPMENT	PROCESS JUMPER MISTING SPRAY FOR HOP-HEME-00001A	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00046	EQUIPMENT	PROCESS JUMPER MISTING SPRAY FOR HOP-HEME-00001B	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00048	EQUIPMENT	PROCESS JUMPER HOP-HEME-00001B OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00050	EQUIPMENT	PROCESS JUMPER PLANT WASH SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00051	EQUIPMENT	JUMPER (3-WAY) PNEUMERCATOR	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00053	EQUIPMENT	PROCESS JUMPER SBS OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00056	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00057	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00058	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00059	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00060	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00061	EQUIPMENT	PROCESS JUMPER SBS COOLING COIL RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00062	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00063	EQUIPMENT	PROCESS JUMPER VENT FROM HOP-VSL-00904	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00064	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE FROM HOP-VSL-00904	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00065	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE FROM HOP-VSL-00904	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00066	EQUIPMENT	PROCESS JUMPER SBS CONDENSATE OVERFLOW TO HOP-VSL-00904	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00067	EQUIPMENT	PROCESS JUMPER SBS CONDENSATE OVERFLOW TO HOP-VSL-00904	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00068	EQUIPMENT	PROCESS JUMPER SBS CONDENSATE OVERFLOW TO HOP-VSL-00904	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00069	EQUIPMENT	PROCESS JUMPER COOLING JACKET RETURN	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00070	EQUIPMENT	PROCESS JUMPER COOLING JACKET SUPPLY	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00071	EQUIPMENT	PROCESS JUMPER (3-WAY) MISTING SPRAY FOR HOP-WESP-00002	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20002001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00072	EQUIPMENT	PROCESS JUMPER HOP-WESP-00002 DRAIN	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00073	EQUIPMENT	PROCESS JUMPER HOP-WESP-00002 OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00074	EQUIPMENT	PROCESS JUMPER MISTING SPRAY FOR HOP-HEME-00002A	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00075	EQUIPMENT	PROCESS JUMPER OFFGAS INLET TO HOP-HEME-00002A	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00076	EQUIPMENT	PROCESS JUMPER HOP-HEME-00002A DRAIN	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00077	EQUIPMENT	PROCESS JUMPER HOP-HEME-00002A PLANT WASH	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00078	EQUIPMENT	JUMPER (3-WAY) HOP-HEME-00002A PNEUMERCATOR	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00079	EQUIPMENT	PROCESS JUMPER HOP-HEME-00002A OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00080	EQUIPMENT	PROCESS JUMPER (3-WAY) MISTING SPRAY FOR HOP-HEME-00002B	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00081	EQUIPMENT	PROCESS JUMPER OFFGAS INLET TO HOP-HEME-00002B	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00082	EQUIPMENT	PROCESS JUMPER HOP-HEME-00002B PLANT WASH	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00083	EQUIPMENT	JUMPER (3-WAY) HOP-HEME-00002B PNEUMERCATOR	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00084	EQUIPMENT	PROCESS JUMPER HOP-HEME-00002B OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00085	EQUIPMENT	PROCESS JUMPER (3-WAY) HOP-HEME-00002B DRAIN	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00087	EQUIPMENT	PROCESS JUMPER MELTER OFFGAS STANDBY	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00088	EQUIPMENT	PROCESS JUMPER MELTER OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00096	EQUIPMENT	PROCESS JUMPER MELTER OFFGAS DISCHARGE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-20002001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00097	EQUIPMENT	PROCESS JUMPER MELTER OFFGAS STANDBY	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00098	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE SPARE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00099	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE SPARE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP

24590-HLW-PY-HOP-JMPP-00102	EQUIPMENT	INSTRUMENT JUMPER RADAR WAVE GUIDE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00103	EQUIPMENT	INSTRUMENT JUMPER RADAR WAVE GUIDE (STANDBY)	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00106	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE SPARE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00107	EQUIPMENT	PROCESS JUMPER CONDENSATE RECYCLE SPARE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00108	EQUIPMENT	JUMPER INSTRUMENT (RADAR)	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00109	EQUIPMENT	JUMPER INSTRUMENT (RADAR)	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00112	EQUIPMENT	SBS / WESP BYPASS LINE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00114	EQUIPMENT	SBS / WESP BYPASS LINE	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00115	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00116	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00118	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00119	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00120	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00121	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00122	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00123	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00124	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00125	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00126	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00127	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00128	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00129	EQUIPMENT	PROCESS JUMPER SIPHON TRANSFER SUCTION LEG	NON-SAFETY	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00130	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00131	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00133	EQUIPMENT	HOP-HEME-00001A SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-00009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00135	EQUIPMENT	HOP-HEME-00001B SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-00009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00136	EQUIPMENT	HOP-HEME-00002A SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-20009001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00138	EQUIPMENT	HOP-HEME-00002B SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-20009002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00140	EQUIPMENT	MELTER OFFGAS RELIEF VENT	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00141	EQUIPMENT	MELTER OFFGAS RELIEF VENT	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00142	EQUIPMENT	MELTER OFFGAS RELIEF VENT	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00143	EQUIPMENT	MELTER OFFGAS RELIEF VENT	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00144	EQUIPMENT	OFFGAS DRAIN	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00145	EQUIPMENT	OFFGAS DRAIN	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-20002002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00148	EQUIPMENT	LEVEL BUBBLER ASSEMBLY	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00150	EQUIPMENT	LEVEL BUBBLER ASSEMBLY	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00151	EQUIPMENT	RIGID JUMPER	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00152	EQUIPMENT	RIGID JUMPER	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00153	EQUIPMENT	RIGID JUMPER	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00155	EQUIPMENT	PROCESS JUMPER	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00156	EQUIPMENT	PROCESS JUMPER	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-00009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00157	EQUIPMENT	RIGID JUMPER	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00158	EQUIPMENT	RIGID JUMPER	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00159	EQUIPMENT	RIGID JUMPER	SS	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20001001	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00161	EQUIPMENT	PROCESS JUMPER	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00162	EQUIPMENT	PROCESS JUMPER	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HMP-20002002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00163	EQUIPMENT	PROCESS JUMPER	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00164	EQUIPMENT	PROCESS JUMPER	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HOP-20009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00167	EQUIPMENT	PROCESS JUMPER (3-WAY) MISTING SPRAY FOR HOP-WESP-00001	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00002001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00168	EQUIPMENT	PROCESS JUMPER (3- WAY) MISTING SPRAY FOR HOP-WESP-00002	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20002001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00169	EQUIPMENT	MISTER ASSEMBLY	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00170	EQUIPMENT	MISTER ASSEMBLY	NON-SAFETY	Q	HOP	HLW	NO	24590-HLW-M6-HMP-20002002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00171	EQUIPMENT	PROCESS JUMPER MISTING SPRAY FOR HOP-HEME-00001A	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00172	EQUIPMENT	PROCESS JUMPER MISTING SPRAY FOR HOP-HEME-00002A	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00173	EQUIPMENT	PROCESS JUMPER MISTING SPRAY FOR HOP-HEME-00001B	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00174	EQUIPMENT	PROCESS JUMPER MISTING SPRAY FOR HOP-HEME-00002B	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20009002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00175	EQUIPMENT	DOWNCOMER INSPECTION JUMPER	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00176	EQUIPMENT	DOWNCOMER INSPECTION JUMPER	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20001001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00177	EQUIPMENT	SBS BYPASS	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00185	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00186	EQUIPMENT	HOP-SCB-00001 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00189	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00190	EQUIPMENT	HOP-SCB-00002 SPARE JUMPER CONNECTION	NON-SAFETY	CM	HOP	HLW	YES	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00191	EQUIPMENT	PROCESS JUMPER HOP-WESP-00001 BYPASS	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00192	EQUIPMENT	PROCESS JUMPER HOP- WESP-00001 BLIND	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00193	EQUIPMENT	PROCESS JUMPER HOP- WESP-00001 BLIND	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-00002001	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00194	EQUIPMENT	PROCESS JUMPER HOP-WESP-00002 BYPASS	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00195	EQUIPMENT	PROCESS JUMPER HOP-WESP-00002 BLIND	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20002002	AIR PERMIT	JMPP
24590-HLW-PY-HOP-JMPP-00196	EQUIPMENT	PROCESS JUMPER HOP-WESP-00002 BLIND	SS	Q	HOP	HLW	YES	24590-HLW-M6-HOP-20002001	AIR PERMIT	JMPP

24590-HLW-PY-HOP-JMPP-00197	EQUIPMENT	SPARE RIGID JUMPER	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00198	EQUIPMENT	SPARE RIGID JUMPER	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-00001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00199	EQUIPMENT	SPARE RIGID JUMPER	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00200	EQUIPMENT	SPARE RIGID JUMPER	NON-SAFETY	CM	HOP	HLW	NO	24590-HLW-M6-HOP-20001003	NONE	JMPP
24590-HLW-PY-HOP-JMPP-00201	EQUIPMENT	SBS BYPASS FLEXIBLE JUMPER	SS	Q	HOP	HLW	YES	24590-HLW-M6-HMP-00002002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00014	EQUIPMENT	JUMPER RADAR PIPE	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-RLD-00008002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00015	EQUIPMENT	LEVEL INSTRUMENT JUMPER TO HSH-SUMP-00003	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-RLD-20005001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00026	EQUIPMENT	HSH-HOSE-00004 CAP	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-HSH-00002001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00027	EQUIPMENT	HSH-HOSE-00003 CAP	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-HSH-00002001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00028	EQUIPMENT	HSH-HOSE-00002 CAP	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-HSH-20002001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00029	EQUIPMENT	HSH-HOSE-00005 CAP	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-HSH-20002001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00031	EQUIPMENT	FLEXIBLE PROCESS JUMPER	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-HSH-20004002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00032	EQUIPMENT	FLEXIBLE PROCESS JUMPER	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-HSH-20004002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00034	EQUIPMENT	PROCESS JUMPER (FLEXIBLE)	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-HSH-00004002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00035	EQUIPMENT	PROCESS JUMPER (FLEXIBLE)	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-HSH-00004002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00037	EQUIPMENT	JUMPER (RIGID) LT-3333 TO HSH-SUMP-00008	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-RLD-00003001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00038	EQUIPMENT	JUMPER (RIGID) LT-3383 TO HSH-SUMP-00009	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-RLD-20003001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00039	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-HSH-00004002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00040	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-HSH-20004002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00041	EQUIPMENT	JUMPER HSH-ZE-00010- S11B-03	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-RLD-00008002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00042	EQUIPMENT	JUMPER HSH-ZE-00090- S11B-03	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-RLD-00008002	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00043	EQUIPMENT	JUMPER FOR CONNECTING SPRAY FOR AREA WASH DOWN	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-RLD-20005001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00044	EQUIPMENT	JUMPER FOR CONNECTING SPRAY FOR AREA WASH DOWN	NON-SAFETY	CM	HSH	HLW	NO	24590-HLW-M6-RLD-20005001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00045	EQUIPMENT	JUMPER (RIGID) LE-3386 TO LSH-3386	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-RLD-20003001	NONE	JMPP
24590-HLW-PY-HSH-JMPP-00046	EQUIPMENT	JUMPER (RIGID) FOR RLD-LE-3336	NON-SAFETY	CM	HSH	HLW	YES	24590-HLW-M6-RLD-00003001	NONE	JMPP
24590-HLW-PY-PVV-JMPP-00001	EQUIPMENT	PROCESS JUMPER VESSEL VENT	SS	Q	PVV	HLW	YES	24590-HLW-M6-PVV-00001001	AIR PERMIT	JMPP
24590-HLW-PY-PVV-JMPP-00006	EQUIPMENT	PROCESS JUMPER VESSEL VENT	SS	Q	PVV	HLW	YES	24590-HLW-M6-PVV-20001001	AIR PERMIT	JMPP
24590-HLW-PY-PVV-JMPP-00007	EQUIPMENT	PROCESS JUMPER PVV-FE-3002	NON-SAFETY	Q	PVV	HLW	YES	24590-HLW-M6-PVV-00001001	AIR PERMIT	JMPP
24590-HLW-PY-PVV-JMPP-00008	EQUIPMENT	PROCESS JUMPER PVV-FE-3004	NON-SAFETY	Q	PVV	HLW	YES	24590-HLW-M6-PVV-20001001	AIR PERMIT	JMPP
24590-HLW-PY-RLD-JMPP-00004	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-00004002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00005	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-00004002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00006	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-00004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00008	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-00004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00009	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-00004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00011	EQUIPMENT	JUMPER FOR RLD-EJCTR-00171	SS	Q	RLD	HLW	YES	24590-HLW-M6-RLD-00008002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00014	EQUIPMENT	JUMPER FOR RLD-EJCTR-00172	SS	Q	RLD	HLW	YES	24590-HLW-M6-RLD-00008002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00015	EQUIPMENT	PROCES JUMPER FOR RLD-EJCTR-00178	SS	Q	RLD	HLW	YES	24590-HLW-M6-RLD-20005001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00016	EQUIPMENT	JUMPER FOR RLD-EJCTR-00179	SS	Q	RLD	HLW	YES	24590-HLW-M6-RLD-20005001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00020	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-20004002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00021	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-20004002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00023	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-20004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00024	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-20004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00025	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-20004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00030	EQUIPMENT	JUMPER TO HFP-SUMP-00005	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-RLD-20005001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00031	EQUIPMENT	FLEXIBLE PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-00004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00032	EQUIPMENT	PROCESS JUMPER (FLEXIBLE)	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-20004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00042	EQUIPMENT	PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-00004002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00044	EQUIPMENT	HSH-TK-00002 NOZZLE N09 CAP	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-20004002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00045	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-20004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00046	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	NO	24590-HLW-M6-HSH-00004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00049	EQUIPMENT	JUMPER (RIGID) STEAM EJECTOR RLD-EJCTR-00026	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-RLD-00003001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00050	EQUIPMENT	JUMPER (RIGID) STEAM EJECTOR RLD-EJCTR-00173	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-RLD-20003001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00051	EQUIPMENT	PROCESS JUMPER (RIGID)	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-20004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00052	EQUIPMENT	RIGID PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-00004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00081	EQUIPMENT	PROCESS JUMPER (FLEXIBLE)	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-20004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00082	EQUIPMENT	JUMPER RLD-ZE-20166 -S11B-001/2	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-RLD-00008002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00083	EQUIPMENT	JUMPER FOR FLUSH WATER TO HSH-SUMP-00007	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-RLD-20005001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00084	EQUIPMENT	FLEXIBLE PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-00004001	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00085	EQUIPMENT	BLANK PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-00004002	NONE	JMPP
24590-HLW-PY-RLD-JMPP-00086	EQUIPMENT	BLANK PROCESS JUMPER	NON-SAFETY	CM	RLD	HLW	YES	24590-HLW-M6-HSH-20004002	NONE	JMPP