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 <p>LOOS INTERNATIONAL Loos Chaudières Industrielles</p>		
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EQUIPMENT LIST

TAG (acc. P&ID)	Designation	Manufacturer	Description	Dimension	Item number
0630-TK-7010	HRS-STEAM SAMPLE COOLER	SENTRY	SAMPLE COOLER TLR/TSR4225U	see drawing in Vendor Data Book	0630-TK-7010
0630-TK-7020	HRS-BLOWDOWN SAMPLE COOLER	SENTRY	SAMPLE COOLER TLR/TSR4225U	see drawing in Vendor Data Book	0630-TK-7020
0630-TK-7050	ACID SAMPLE COOLER	SENTRY	SAMPLE COOLER FLR/FSR6251U	see drawing in Vendor Data Book	0630-TK-7050
0630-TK-7060	ACID SAMPLE COOLER	SENTRY	SAMPLE COOLER FLR/FSR6251U	see drawing in Vendor Data Book	0630-TK-7060
0640-BL-3110	COMBUSTION AIR FAN	SAACKE	integrated to Monobloc Burner	see details in vendor data book	0640-BL-3110
0640-BMS-3150	BURNER MANAGMENT SYSTEM	LAMTEC	Burner Management System type ETAMATIC config. 0/0/021/S/S/AP/	serial nr : 0015050	0640-BMS-3150
0640-BU-3140	BURNER (LFO)	SAACKE	Monobloc Burner type TEMINOX LSa 125-37	see details in vendor data book	640-BU-3140
0640-FC-3100	AUXILIARY BOILER	BOSCH	3 pass smoke tube boiler type UL-S 15000 kg/h x 13 bar (design)	see data sheets C561-AFF200 / C561-AFF201 / C561-AFF202	0640-FC-3100
0640-PU-3130	OIL DUAL PUMP SKID	KRAL	TYPE DMC 2600	2530 l/h @ 30bar (50Hz)	0640-PU-3130
0640-ST-3190	CHIMNEY	DINAK	Self-Supporting Stack 23m / Ø 900 (int.)	see drawing C561-EN100	640-ST-3190
0640-TK-3200	AUXILIARY BOILER SAMPLE COOLER (WATER)	SENTRY	SAMPLE COOLER TLR/TSR4225U	see drawing in Vendor Data Book	0640-TK-3200
0640-TK-3210	AUXILIARY BOILER SAMPLE COOLER (STEAM)	SENTRY	SAMPLE COOLER TLR/TSR4225U	see drawing in Vendor Data Book	0640-TK-3210
HCV3100-01	DESALTING CONTROL VALVE	GESTRA	Manually actuated valve - type BA 46 - 1.0460	DN25 PN40	640-FC-3100
HV3100-01	STEAM EXTRACTION VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN200 PN40	640-FC-3100
HV3100-02	FEED WATER STOP VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN65 PN40	640-FC-3100
HV3100-03	LEVEL CONTROL UP STREAM STOP VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN50 PN40	80-MBW-0660-004-EA11
HV3100-04	LEVEL CONTROL DOWN STREAM STOP VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN50 PN40	80-MBW-0660-004-EA11
HV3100-05	LEVEL CONTROL BY-PASS VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel) with regulating plug	DN65 PN40	80-MBW-0660-004-EA11
HV3100-06	MANOSTAT PIPE STOP VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN20 PN40	640-FC-3100
HV3100-07	PRESSURE GAUGE STOP VALVE	ARNDT	STOP VALVE - Type 70	G1/2"	640-FC-3100
HV3100-13	DESALTING STOP VALVE	ARI ARMATUREN	ANGLE GLOBE VALVE - type FABA 35.047 - 1.0619+N (cast steel)	DN25 PN40	640-FC-3100
HV3100-08	SAMPLING VALVE	GESTRA	Incorporated in desalting valve - Ermeto 8S	G3/8"	640-FC-3100
HV3100-09	LEVEL CONTROL STEAM SIDE STOP VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN25 PN40	640-FC-3100
HV3100-10	LEVEL CONTROL WATER SIDE STOP VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN25 PN40	640-FC-3100
HV3100-11	BLOW DOWN STOP VALVE	ARI ARMATUREN	GLOBE VALVE - type FABA 35.046 - 1.0619+N (cast steel)	DN40 PN40	640-FC-3100
HV3100-12	BLOW DOWN VALVE	GESTRA	Manual Blow down valve - type PA46 - 1.0460	DN40 PN40	640-FC-3100
HV3130-1	OIL SUPPLY STOP VALVE	SFERACO	BALL VALVE type WAFER - ref. 720025	DN25 PN16	640-PU-3130
HV3130-2	UP STREAM MANUAL RAPID SHUT-OFF	KRAL	coupled mechanically to HV 3130-3 - incorporated in pompe skid	see details in vendor data book	640-PU-3130
HV3130-3	DOWN STREAM MANUAL RAPID SHUT-OFF	KRAL	coupled mechanically to HV 3130-2 - incorporated in pompe skid	see details in vendor data book	640-PU-3130
HV3130-4	OIL SUPPLY GAUGE VALVE DOWN STREAM PUMP	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130
HV3130A-1	OIL PRESSURE GAUGE VALVE UP STREAM DIRT TRAP	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130A
HV3130A-2	OIL PRESSURE GAUGE VALVE UP STREAM PUMP	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130A
HV3130B-1	OIL PRESSURE GAUGE VALVE UP STREAM DIRT TRAP	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130B
HV3130B-2	OIL PRESSURE GAUGE VALVE UP STREAM PUMP	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130B
HV3140-1	BURNER OIL SUPPLY PRESSURE GAUGE STOP VALVE	SAACKE	integrated to Monobloc Burner	G1/4"	640-BU-3140
HV3140-2	BURNER OIL RETURN PRESSURE GAUGE STOP VALVE	SAACKE	integrated to Monobloc Burner	G1/4"	640-BU-3140
HV3140-3	SUPPLY LINE MANUAL RAPID SHUT-OFF	SAACKE	integrated to Monobloc Burner	see details in vendor data book	640-BU-3140
HV3140-4	RETURN LINE MANUAL RAPID SHUT-OFF	SAACKE	integrated to Monobloc Burner	see details in vendor data book	640-BU-3140
HV3200-01	SAMPLING VALVE (AUX. BOILER WATER)	ARNDT	SHUT OFF VALVE - Fig. 111-M	G3/8"	640-TK-3200
HV3210-01	SAMPLING VALVE (AUX. BOILER STEAM)	ARNDT	SHUT OFF VALVE - Fig. 111-M	G3/8"	640-TK-3200
M3110-1	AIR FAN MOTOR	LEROY SOMMER	see data sheet 9806J-0440-SP-1691-001	37 kW 3x400V/50Hz	640-BL-3110-M
M3130A-1	OIL PUMP MOTOR	LEROY SOMMER	see data sheet 9806J-0440-SP-1691-001	4kW - 3x400V/50Hz	640-PU-3130-A-M
M3130B-1	OIL PUMP MOTOR	LEROY SOMMER	see data sheet 9806J-0440-SP-1691-001	4kW - 3x400V/50Hz	640-PU-3130-B-M
MOV3100-1	LEVEL CONTROL MOTORISED VALVE	SART VON ROHR	Valve type 7162E + Electric Actuator STS113-15 (3-TERM STEP / 230V 50 H DN50 PN40		80-MBW-0660-004-EA11
MOV3110-1	COMBUSTION AIR SERVOMOTOR	SAACKE	Type D025/A-B / 25Nm / 230V 50 Hz	see details in vendor data book	640-BL-3110



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TAG (acc. P&ID)	Designation	Manufacturer	Description	Dimension	Item number
MOV3140-1	STABILIZING DISK SERVOMOTOR	SAACKE	Type D040/B-A / 40Nm / 230V 50 Hz	see details in vendor data book	640-BU-3140
MOV3140-2	OIL FLOW CONTROLLER SERVOMOTOR	SAACKE	Type D025/A-B / 25Nm / 230V 50 Hz	see details in vendor data book	640-BU-3140
PCV3130-2	OIL PRESSURE CONTROLLER	KRAL	incorporated in pump skid	see details in vendor data book	640-PU-3130
PSV3100-4	BOILER SAFETY VALVE	ARI ARMATUREN	SPRING SAFETY VALVE - type 35.902 - 1.0619+N	DN65 PN40 / DN100 PN16	640-FC-3100
PSV3100-5	BOILER SAFETY VALVE	ARI ARMATUREN	SPRING SAFETY VALVE - type 35.902 - 1.0619+N	DN65 PN40 / DN100 PN16	640-FC-3100
PSV3130A-3	OIL PUMP INTERNAL DISCHARGE VALVE	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130A
PSV3130B-3	OIL PUMP INTERNAL DISCHARGE VALVE	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130B
PX3100-02	FEED WATER CHECK VALVE	GESTRA	DISC CHECK VALVE - Type RK 76 - 1.4008	DN65 PN40	640-FC-3100
PX3130A-1	OIL PUMP CHECK VALVE	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130A
PX3130B-1	OIL PUMP CHECK VALVE	KRAL	integrated to DMC STATION	see details in vendor data book	640-PU-3130B
SDV3140-1	AUTOMATIC STOP VALVE - OIL SUPPLY LINE	PARKER LUCIFER	SOLENOID VALVE - type 321H2523 DN15 - 115V 50Hz	G1/2"	640-BU-3140
SDV3140-2	AUTOMATIC STOP VALVE - OIL RETURN LINE	PARKER LUCIFER	SOLENOID VALVE - type 321H2523 DN15 - 115V 50Hz	G1/2"	640-BU-3140
SDV3140-3	AUTOMATIC STOP VALVE - OIL CONTROL LINE	PARKER LUCIFER	SOLENOID VALVE - type 121K6423 DN3 - 230V 50Hz	G1/4"	640-BU-3140
SDV3140-4	AUTOMATIC STOP VALVE - OIL CONTROL LINE	PARKER LUCIFER	SOLENOID VALVE - type 122K8321 DN2.5 - 230V 50Hz	G1/4"	640-BU-3140
STR3100-02	FEED WATER STRAINER	ARI ARMATUREN	Y STRAINER - DN50PN40 -1.0619+N - ref. 35.050	DN50 PN40	80-MBW-0660-004-EA11
STR3130-1	OIL SUPPLY DIRT TRAP	ARI ARMATUREN	Y STRAINER 0,25mm - DN25PN40 -1.0619+N - ref. 35.050	DN25 PN40	640-PU-3130
STR3130A-1	OIL PUMP SUCTION DIRT TRAP	KRAL	integrated to DMC STATION - grid 250 µm	see details in vendor data book	640-PU-3130A
STR3130B-1	OIL PUMP SUCTION DIRT TRAP	KRAL	integrated to DMC STATION - grid 250 µm	see details in vendor data book	640-PU-3130B
STR3140-1	BURNER OIL SUPPLY LINE DIRT TRAP	SAACKE	Y strainer integrated to Monobloc Burner	see details in vendor data book	640-BU-3140