

TAG #'s	QTY	DESCRIPTION
AN 6010	1	4" CL 600 RF anode adaptor flange c/w 3" x 22" long aluminum anode
CSC 1	1	Combustion Safety Controller Microprocessor based flame fail/ignition system with auto re-light 24 VDC operation System on, pilot on and alarm indicating LEDs CSA approved Class 1 Div 2 Group A, B, C, & D Hazardous Location CSA approved as a combustion controller, B149.3 compatible (CAN/CSA C22.2 No. 199-M89) 1- alarm output 1- shutdown interlock 2- solenoid valve outputs (pilot & main) 1- remote start 1- remote stop 1- proof of closure 1- temperature control contacts 1- run status Flame/ignition rod assembly Pilot & mixer with adjustable air shutter 7' Non-metallic sealed tight flex c/w connectors Speed control valve 1/4" x 1/4" F x FNPT 1/2" Conduit Seal ACL Pilot Nozzle
SY 300	1	Electric Valve Train using one Electric Safety Shut-off Valve (B149.3 certified) and one Pneumatic Slow Opening Shut-off Valve, flow right to left.
	1	1" "Y" Strainer
	1	Main Regulator
	1	1" Main Solenoid (Electric)
	1	1/4" Speed Control Valve
	2	1" Ball Valve
	1	Pilot Regulator
	1	Low Fuel Pressure Shutdown Switch
	1	High Fuel Pressure Shutdown Switch
	3	1/4" Needle Valves
	2	1/4" Ball Valves
	4	Pressure Gauges
	2	1/8" Pilot Solenoid Shut-off
BDV 6011	1	1" NPT control valve c/w size 40 actuator, Fail Open, 0-35 psi signal, NACE
BR 6009	1	2" Cl. 600 RF x 1/2" NPT bleed ring, SA-516-70N
BR 6010	1	2" CL 600 RF X 3/4" NPT bleed ring, SA-516-70N
BYV 6011/VV 6052	2	3-way solenoid valve, 1/4" NPT, MAWP 300 psig, explosion proof, CSA certified to Class 1 Div. 1 and Div. 2 Groups A,B,C,D, 11.6, watts 24 VDC, normally closed operation
DPI6000/6050	2	differential pressure gauge, 1/4" inline connections,
FE 6012	1	3" 600# RF Senior orifice fitting NACE c/w 3" sch 80 meter run, c/w CPA upstream flow conditioner, pin type, one(1) 2" 600# RF downstream connection, bevelled outer ends, PWHT, 100% X-ray
FE 9004	1	2" 150# RF Senior orifice fitting c/w 2" sch 80 meter run, c/w CPA upstream flow conditioner, pin type, one(1) 2" 150# RF downstream connection, bevelled outer ends
FE/FQI 6010	1	liquid turbine flow meter 3/4" x 1" NPT, 2-15 GPM, NACE, MAWP 7500 psig c/w magnetic pick-up, totalizer, local display, 4-20mA analog/ isolated scaled pulse output
FI 6052	1	flow meter, 1/4" NPT, 0-20 SCFM adjustable range, clear acrylic body, MAWP 100 psig
FIT 6012/9004	2	gas flow computer

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HLS 9000	1	2" NPT fuel gas shut-off valve
LC 6010/6050	2	liquid level controller, 2" MNPT connection, snap acting, MAWP 3750 psig, NACE process
LC 6040	1	liquid level controller, 2" MNPT connection, throttle acting, MAWP 3750 psig, NACE process
LI 6010	1	reflex level gauge, 6 3/4" visible length c/w 3/4" MNPT gauge valve sets, NACE, MAWP 3900 psig
LI 6040/6050	2	transparent level gauge, 6 3/4" visible length c/w 3/4" MNPT gauge valve sets, NACE, MAWP 3900 psig
LI 6080	1	transparent level gauge 19 3/4" visible length c/w 3/4" MNPT gauge valve sets, NACE, MAWP 3900 psig
LSHH 6011/LSL 6072/6082	3	electric level switch, 2" MNPT process connection, CSA certified to class 1, group A,B,C, & D; div 1 & 2, MAWP 1500 psig @ -40 + 400°F, NACE
LV 6010/6050	2	control valve, 1" NPT, 1/2" adjustable trim, Fail Closed, 0-35 psig signal, MAWP 2250 psig, NACE
LV 6040	1	control valve, 1" NPT, 1/8" trim, Fail Closed, size 9 actuator, 0-35 psi signal, MAWP 4000 psig, Sour Service
MN 6012/9004	2	5-valve manifold, 1/2" FNPT x flange, NACE, MAWP 6000 psig
MN 6013	1	Block & bleed needle valve, 1/2" process connection, NACE, 10,000 psig MAWP.
PCV 6051	1	back pressure regulator 1" NPT, set @ 50 psig, MAWP 300 psig
PCV 9000	1	1" NPT regulator, 70-150 psi range, 2000 psi MAWP
PCV 6050/6052	2	1/4" NPT regulator, 0-125 psi range, tapped vert, Sour
PD 6020/6030	2	discharge pulsation dampener, 1" FNPT inlet, 1 gallon capacity, MAWP 3000 psig
PI 6010	1	bottom mount pressure indicator, 1/2" MNPT, 0-1500 psig, 4" face, dual scale, MAWP 10,300 psig, NACE
PI 6011/6012/6013/6015	4	bottom mount pressure indicator, 1/4" MNPT, 0-60 psig, 2 1/2" face, dual scale, MAWP 1300 psig, NACE
PI 6050/6016	2	bottom mount pressure indicator, 1/2" MNPT, 0-500 psi, 4" face, dual scale, MAWP 2600 psig, NACE
PI 6051/6052	2	bottom mount pressure indicator, 1/2" MNPT, 0-160 psi, 4" face, dual scale, MAWP 1900 psig, NACE
PI 9000	1	bottom mount pressure indicator, 1/2" MNPT, 0-200 psi, 4" face, dual scale, MAWP 2200 psig, NACE
PIT 6013	1	pressure transmitter, 0-4000 psi scale, 1/2" NPT female connection

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PRV 6011/6012/6013/6015	4	pressure regulator, 1/4" NPT, 0-35 psig range, MAWP 250 psig, c/w tapped bonnett
PSV 6000	1	relief valve, 1" x 1" NPT, set @ 60 psig, MAWP 1600 psig, NACE primary
PSV 6010/6020/6030	3	relief valve, 1" x 1" NPT, set @ 1,415 psig, MAWP 1600 psig, NACE primary
PSV 6050	1	relief valve, 1" x 1" NPT, set @ 275 psig, MAWP 1600 psig, NACE primary
PSV 6070	1	relief valve, 1" x 1" NPT, set @ 5 psig, MAWP 1600 psig, NACE primary
PSV 9000	1	relief valve, 1 1/2" x 2" NPT, set @ 120 psig, MAWP 1600 psig, NACE primary
PV/ PY 6009/6013	2	2" 600# RF control valve, NACE c/w size 45 actuator, Fail Closed, 6-30 psi supply c/w digital positioner & pressure regulator
SA 101	1	Dew Point Analyzer (Customer supplied)
SP 101/102	2	316 SS sample quill, (Customer Supplied)
TCV/TY 6070	1	1" NPT control valve, 1/4" trim c/w size 40 actuator, Fail Closed, digital positioner & pressure regulator
TE 6070	1	RTD sensor, CSA explosion proof, Class 1 Div. 1 group C, D
TE/ TW 6012	1	Control Microsystems with union connector, c/w 1/2" x 3/4" x 9" "U" length 316 SS thermowell
TE/ TW 9004	1	Control Microsystems with union connector, c/w 1/2" x 3/4" x 6" "U" length 316 SS thermowell
TI 6010/6050	2	bimetal thermometer, 1/2" NPT center back mount, 0 to 250 °F, dual scale, 5" dial, 9" 304 stainless steel stem
TI/TW 6020	1	remote reading thermometer, -20 to 120 Deg. C range, back connection, MAWP 2000 psig
TI 6031/6032	2	bimetal thermometer, 1/2" NPT center back mount, 0 to 250 °F, dual scale, 5" dial, 2 1/2" 304 stainless steel stem,
TI 6072	1	50 to 500 °F, dual scale, 1/2" NPT, center back mount, bimetal thermometer, 5" dial, 6" 304 stainless steel stem
TIT 6070	1	Temperature Transmitter, 1/2" NPT Conduit connection, digital output, CSA intrinsically safe, explosion proof
TSHH 6070	1	electric temperature switch, 1/2" NPT electrical connection, CSA certified to Class 1, Div. 1 & hermetically sealed switch, 280 to 405 °F adjustable range rising, set @ 385 °F rising
TW 6010/6050	2	thermowell, 1/2" x 3/4" x 9" lg, MAWP 7000 psig
TW 6031/6032	2	thermowell, 1/2" x 3/4" x 2 1/2" lg, MAWP 7000 psig
TW 6070/6072	2	thermowell, 1/2" x 3/4" x 6" lg, MAWP 7000 psig
TW 6071	1	thermowell, 1/2" x 1" x 4 1/2" "U" length, MAWP 4876 psig
BA 626	2	2" Cl. 600 RF full port ball valve, NACE
BA 125	1	2" Cl. 150 RF reg port ball valve, NACE
BA 65	3	regular port ball valve, 2" NPT, NACE, MAWP 2000 psig

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BA 49	10	ball valve, 1" SW, MAWP 2500 psig, NACE
BA 47	1	ball valve, 1" SW x NPT, MAWP 2500 psig, NACE
BA 46	2	Full port ball valve, 1" NPT, NACE, MAWP 2000 psig
BA 45	25	regular port ball valve, 1" NPT, NACE, MAWP 2000 psig
BA 35	11	regular port ball valve, 3/4" NPT, MAWP 2000 psig, NACE
BA 28	1	1/2" SW x NPT full port ball valve, low temp., NACE
BA 27	1	ball valve, 1/2" SW x NPT, MAWP 3000 psig, NACE
BA 26	1	regular port ball valve, c/w spring return handle, 1/2" NPT, NACE, MAWP 2000 psig
BA 25	14	regular port ball valve, 1/2" NPT, NACE, MAWP 2000 psig
BA 15	3	regular port ball valve, 1/4" NPT, NACE, MAWP 2000 psig
CH 49	3	1" SW piston check valve, NACE
CH 45	1	1" NPT piston check valve, NACE
CH 26	1	1/2" NPT swing check valve, NACE
CH 15	1	piston check valve, 1/4" MNPT, MAWP 3000 psig
GL 49	3	regular port globe valve, 1" SW Class 800, NACE
GL 45	1	regular port globe valve, 1" NPT Class 800, NACE
NE 37	1	needle valve, 3/4" x (3) 1/2" FNPT, NACE, MAWP 10,000 psig
NE 38	1	needle valve, 3/4" MNPT x (3) 1/2" FNPT, multi-port gauge valve, MAWP 10,000 psig
NE 26	1	1/2" MNPT X 1/2" FNPT needle valve, 10,000 psi MAWP
NE 25	8	needle valve, 1/2" FNPT x 1/2" FNPT, NACE, MAWP 10,000 psig
NE 15	11	needle valve, 1/4" FNPT x 1/4" FNPT, NACE, MAWP 10,000 psig
ST 65	2	Y-strainer, 2" NPT, carbon steel ASTM A216 grade WCB body and cover, 304 stainless steel screen c/w 1/32" perforations, NACE
BH 900	1	building heater c/w built-in thermostat 480 VAC 3 phase power supply c/w 1/4 h.p. explosion proof motor
CHF 650	1	filter housing c/w (1) charcoal element, MAWP 250 psig
E 102	1	Glycol exchanger, (6)-passes trane fintube, 10'-0" section x 1 1/4" OD, 4 1/2" x 4 1/2" square style fin
GLF 600	1	filter housing c/w (1) 10 micron element, MAWP 250 psig
P 6020/6030	2	duplex plunger pump, 1.28 USGPM flowrate, rated at 1415 psig discharge, 2.0 hp 480/3/6 VAC XP electric motor
V 900	1	8 5/8" OD x 24" S/S x 150 psi vertical scrubber

(1) REQ'D

TIME CARD

C-3026-PP

DWG. NO.	REFERENCE DRAWINGS	REV	DESCRIPTION	DATE	BY
		△	REVISED AS PER CUSTOMERS MARK-UP	12/01/08	O.L.
		△	ADDED TI-6020, (1) CH-45 AND (1) BA-28	01/07/09	O.L.
		△	REVISED PV-6009 TO DOWNSTREAM OF SP-101 & SP-102	01/19/09	Y.P.
			RELOCATE PCV-9000, REVISED FUEL GAS SUPPLY TO 2" CL 150		
			REVISED AS PER CUSTOMER MARK-UP.		
		△	CHANGED (1) NE-37 TO NE-38	01/21/09	O.L.
		△	REVISED AS PER BUILT	02/25/09	O.L.



CUSTOMER:		NEXEN INC.		LOCATION:		b-16-1/94-0-8	
c/o TRI OCEAN ENGINEERING LTD				P.O.#		4500105121	
MECHANICAL FLOW DIAGRAM 24" OD DEHYDRATION SKID PACKAGE (SOUR)							
DATE:	DRN BY:	SCALE:	CHKD BY:	APPRD BY:	DWG NO:	C-3026-B2	REV: △
10/24/08	Y.P.	NTS					