

P-1403 B

Produced Water Recycle Pump
Production Platform
Process liquid: Produced Water
Rated capacity: 18,2 m³/h
Differential pressure: 11.1 bar
NPSHa: 13,8 m
Installed power : 22 kW
Design pressure: 25 barg
Design temperature: 110/-7,6 °C
PSV set pressure: 19.5 barg
Materials: 25%Cr Duplex Stainless Steel process wetted

V-1403 B

Seal system vessel
Type: Bladder accumulator
max. working pressure: 20 barg @ 80°C (Bladder)
max. working pressure: 75 barg (Vessel)
Vessel Total Capacity: 20 litres
Materials: Stainless Steel
Normal operating pressure: 7.8 barg

Legend

Hard wired Serial Link

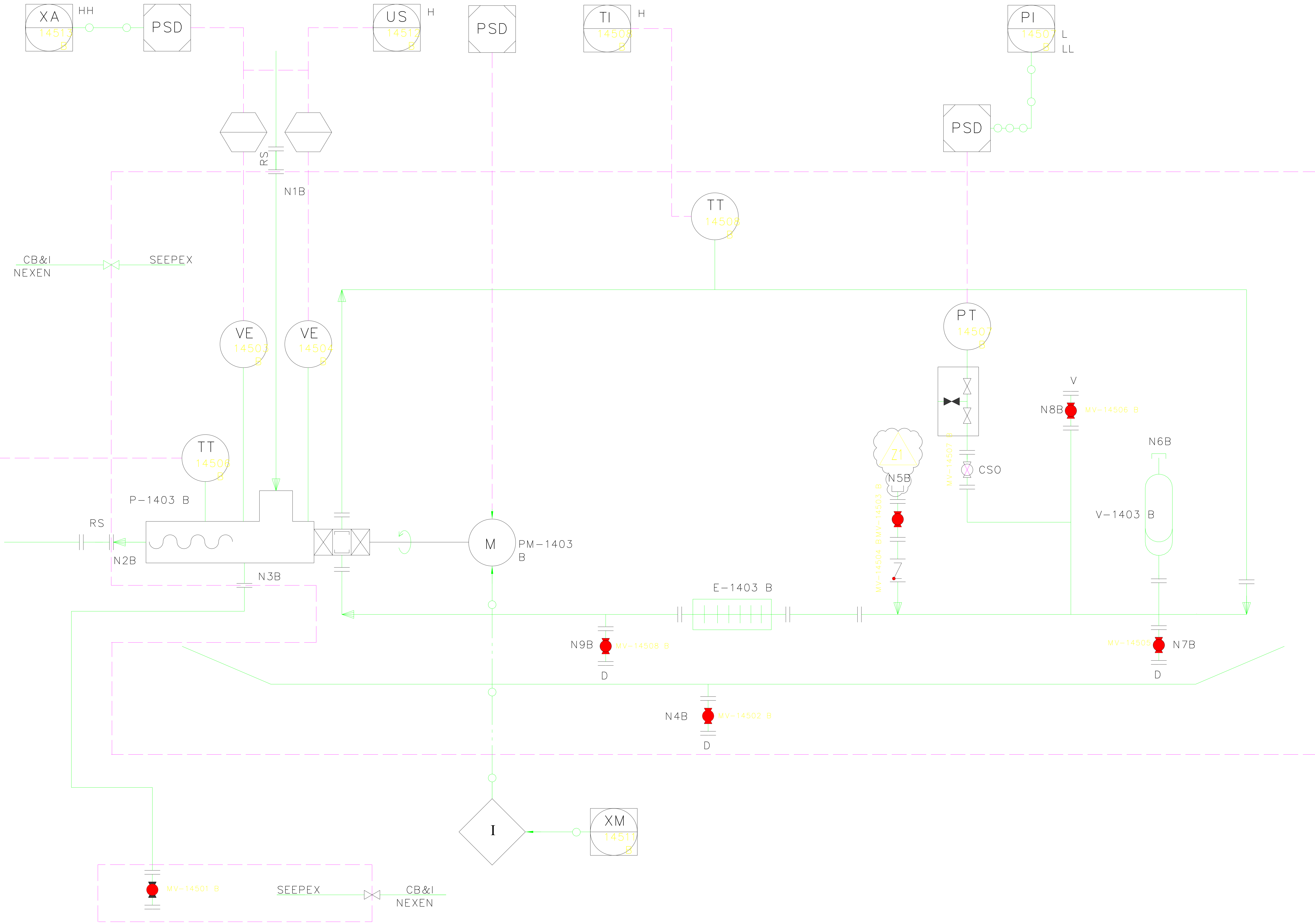
Process shutdown system

Process control system

Machinery Monitoring System

Termination Point Schedule

N1B	pump inlet flange 4" ANSI B 16.5, 300lbs, RF
N2B	pump outlet flange 3" ANSI B16.5, 300lbs, RF
N3B	pump casing drain flange 2" ANSI B16.5, 300lbs, RF c/w valve (supplied loose, free issue) + blind flange
N4B	baseplate drain flange 2" ANSI B16.5, 150lbs, RF c/w valve + blind flange
N5B	plan 53B filling connection 1/2" ANSI B16.5, 300lbs, RF c/w 1/2" NPT quick release coupling
N6B	N2 charging connection accumulator 1/4" BSP/M
N7B	Drain connection accumulator 1/2" ANSI B16.5, 300lbs, RF c/w blind flange
N8B	plan 53B vent connection 1/2" ANSI B16.5, 300lbs, RF c/w blind flange
N9B	Drain connection barrier interconnection piping 1/2" ANSI B16.5, 300lbs, RF c/w blind flange



NOTES

1. PUMPS 1403A AND P-1403B ARE MOUNTED ON A COMMON BASE PLATE.

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z1	14.03.16	AD-HOC AS-BUILT	SB	KS	AH	TR
G	25.09.12	REVISE	MEL			
F	23.08.12	REVISE	MEL			
E	15.05.12	REVISE	MEL			
D	07.05.12	UPDATE	MEL			
C	24.01.12	REVISE	MEL			


A CNOC LIMITED COMPANY


Golden Eagle
Golden Eagle Area Development



TITLE: PIPING AND INSTRUMENT DIAGRAM PRODUCED WATER RECYCLE PUMP P-1403B	
SCALE (A1): N.T.S.	
ASSAI No:	
CONTRACT No: 168397	
CLIENT CONTRACT No:	
DRAWING No. 168397-100-PO-3280-MC2-003-02	REV Z1

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