

P-1403 A

Produced Water Recycle Pump  
Production Platform  
Process liquid: Produced Water  
Rated capacity: 18,2 m<sup>3</sup>/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 A

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

PSD

Link

Process shutdown system

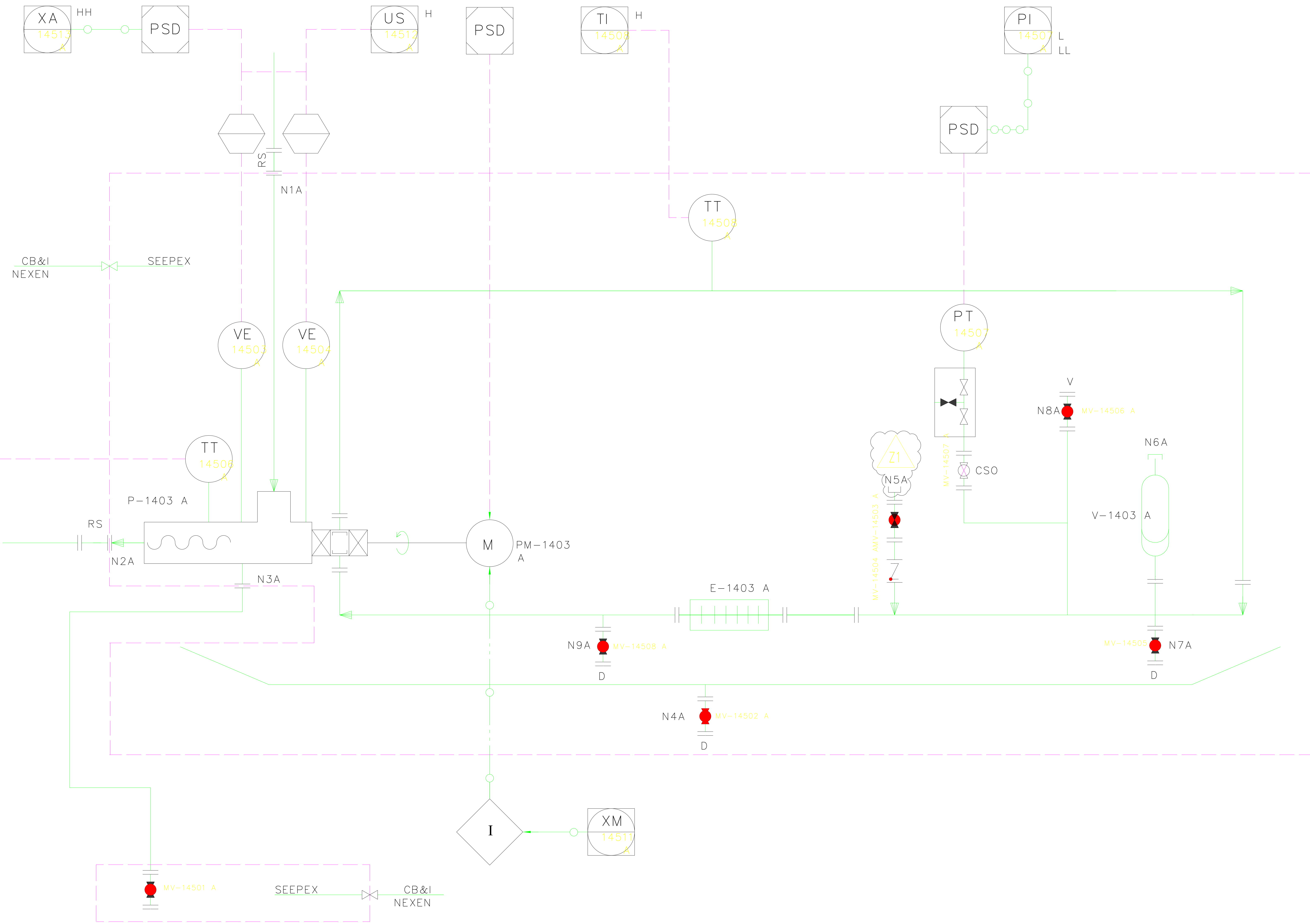
Process control system

Machinery

Monitoring System

Termination Point Schedule

N1A	pump inlet flange 4" ANSI B 16.5, 300lbs, RF
N2A	pump outlet flange 3" ANSI B16.5, 300lbs, RF
N3A	pump casing drain flange 2" ANSI B16.5, 300lbs, RF c/w valve (supplied loose, free issue) + blind flange
N4A	baseplate drain flange 2" ANSI B16.5, 150lbs, RF c/w valve + blind flange
N5A	plan 53B filling connection 1/2" ANSI B16.5, 300lbs, RF c/w 1/2" NPT quick release coupling
N6A	N2 charging connection accumulator 1/4" BSP/M
N7A	Drain connection accumulator 1/2" ANSI B16.5, 300lbs, RF c/w blind flange
N8A	plan 53B vent connection 1/2" ANSI B16.5, 300lbs, RF c/w blind flange
N9A	Drain connection barrier interconnection piping 1/2" ANSI B16.5, 300lbs, RF c/w blind flange



NOTES

1. PUMPS P-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	REVISE	MEL			
C	24.01.12	REVISE	MEL			



TITLE:  
PIPING AND INSTRUMENT DIAGRAM  
PRODUCED WATER RECYCLE PUMP  
P-1403A

SCALE (A1): N.T.S.

ASSAI No:

CONTRACT No: 168397

CLIENT CONTRACT No:

DRAWING No.	REV
168397-100-PO-3280-MC2-003-01	Z1