

HCL-001

DEOILER HYDROCYCLONE

DESIGN PRESSURE: FV-256 psig (FV-17.7 Barg)

DESIGN TEMPERATURE: 32-212°F (0-100°C)

MATERIAL OF CONSTRUCTION: CARBON STEEL

SIZING TABLE						
Unit Capacity (Note 4)		Valve / Line Sizes				
bwpd	m3/hr	A	B	C	D	E
5,000	33	80	80	50	50	50
		3"	3"	2"	2"	2"
10,000	66	100	100	80	50	50
		4"	4"	3"	2"	2"
25,000	166	150	150	100	50	50
		6"	6"	4"	2"	2"
50,000	166	150	150	100	50	50
		6"	6"	4"	2"	2"

- NOTES
1. ANSI CLASS 150# SYSTEM DESIGN.

2. REJECT BACK FLUSH LINE; NORMALLY CLOSED

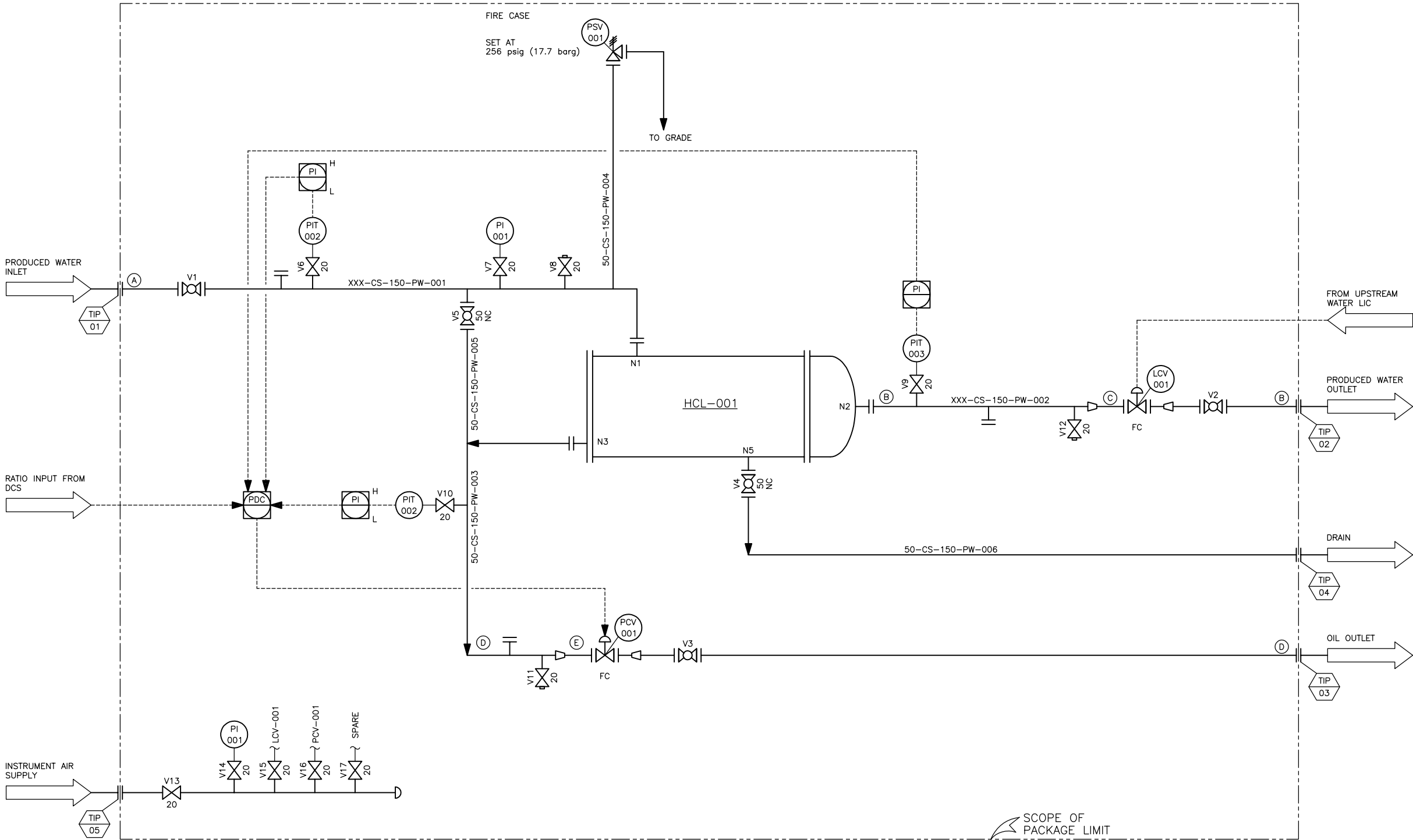
3. RATIO FOR PDC SET FROM DCS.


4. UNIT CAPACITY BASED ON MINIMUM INLET PRESSURE OF 7 Bar / 100 psig.

5. HIGH TEMPERATURE ASSUMED TO BE OUTSIDE PLANT LIMIT BY OTHERS.

6. MATERIAL OF CONSTRUCTION: CARBON STEEL.

7. THIS P&ID IS TYPICAL AND PRESENTS STANDARD BASELINE OPERATING CONDITIONS AND OTHER DETAILS SHALL BE PRESENTED IN THE BODY OF SUEZ'S FORMAL PROPOSAL.



0	21-FEB-22	ISSUED FOR USE		ST	
No.	DATE	REVISION DETAILS		BY	CHK APPD
REVISION					
CHK			APPD		
DIGITAL SIGNATURES					
DWG No.	TITLE				
REFERENCE DWG'S					
CLIENT					
ORDER No.					
CLIENT DWG No.					
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PROJECT REFERENCE					
DWG TITLE					
DEOILER HYDROCYCLONE PACKAGE					
PIPING & INSTRUMENTATION DIAGRAM					
SIZE: A3 DWG No.				DO NOT SCALE DWG REV. 0	
DOC-CS-000-PID-001					