

 N.I.S.O.C.		Binak Project			 Petroiran Development Company (PEDCO)		
		COMMENT REPLY SHEET					
Document No: BK-GCS-PEDCO-120-ME-DT-0024_D05				EPC Contractor Tr. No.: BK-HD-PEDCO-T-1375		Transmital Date: 04/Dec/2022	
Document Title: Mechanical Data Sheets For Flare KO Drum Pumps				PEDCO Tr. No.: BK-PEDCO-NISOC-0106-TR-1375		Transmital Date: 04/Dec/2022	
				CRS No: PEDCO-CRS-BK-GCS-PEDCO-120-ME-DT-0024_D04		CRS Status:	
	Comments (NISOC/PEDCO)			Email/letter No.	Comment Date	Clarification (By EPC Contractor)	
1	please specify the max values for Density and viscosity.			BK-SUR-ENG-MEC-01-05690	14-Sep-22	Noted	
2	NSS limitation shall be considered 213			BK-SUR-ENG-MEC-01-05690	14-Sep-22	Not accepted, this requirement has not been mentioned in project specification and related standards. This requirement will be clarified in vendor's offer stage.	
3	Insulation/ temp rise to be mentioned: F/B coupling to be balanced at least G2.5			BK-SUR-ENG-MEC-01-05690	14-Sep-22	1. Noted 2. Not accepted, this requirement has not been mentioned in project specification. As per clause 7.2.3 of API 610 and table 1 of ISO 1940-1 standard, Grade G6.3 is sufficient.	
4	Test shall be in compliance with 8.3.3.2 & 8.3.3.3			BK-SUR-ENG-MEC-01-05690	14-Sep-22	Noted	
5	Hydrostatic for bowl (WIT) barrel and pump shall have the same MAWP and to be hydrotest in same value with pump			BK-SUR-ENG-MEC-01-05690	14-Sep-22	1. Noted 2. Noted, Will be added as note	
6	CONNECTION BOLTING (7.5.1.7) - shall be SS BEARING LIFE CALCULATIONS REQUIRED (6.10.1.6) to be mentioned YES OPERATION TO TRIP SPEED to be mentioned YES			BK-SUR-ENG-MEC-01-05690	14-Sep-22	1. Noted, Connecting bolting will be specified SS 2. Noted, Bearing life calculation required will be mentioned YES 3. Not applicable for this pump because the pump is constant speed	
7	MAXIMUM DISCHARGE PRESSURE TO INCLUDE "YES" it has mentioned yes but the max density has not specified			BK-SUR-ENG-MEC-01-05690	14-Sep-22	Noted, maximum density will be specified in next revision	
8	PRESSURE GAUGE TYPE MANIFOLD PIPING FOR PURCHASER CONNECTION (7.5.1.6): VENT /DRIAN SEPARTATE MOUNTING PLATE (9.3.8.3.1) PROVIDE SEPARATE SOLEPLATE (9.3.8.3.3) Above items to be mentioned YES			BK-SUR-ENG-MEC-01-05690	14-Sep-22	Noted (Please refer to attached pdf file for Hiran reply) <div style="text-align: right;">    <b>ZS\Mechanics\</b>  <b>CTS\4001 - Binak\</b> </div>	
Legend	<b>Comment Sheet Status: (By Client)</b>						
	C1: Reviewed with no comment (No Response required)						
	C2: Reviewed with minor comment (work may proceed and comments to be addressed and incorporated prior to issue)						
	C3: Reviewed with major comment (Revise and resubmit. Work may not be proceeded until the document is returned with code C1 & C2)						
	C4: Rejected (Deviated from the project requirement. Resubmit for Review)						
Signature	CLIENT (NISOC/PEDCO)				EPC Contractor		
	Commented By:	Signature	H.naserizadeh	Clarified By: H. Adineh	Signature	M. Fakharian	
	Date:			Date: 03/May/2022			