RISK ASSESSMENT FORM

Department/ Area	FYIP - FYNAG
Job type/ Equipt System	FYNAG Manual choke and Flowline
Process	NAG Flow and Pressure Management from W/153
Task	Replacement of Offshore PCV with a spool piece and the use of the manual choke for both flow and pressure management offshore

Risk Assessment No.

SEVERITY	CONSEQUENCES				INCREASING LIKELIHOOD				
	People	Assets	Environment	Reputation	A	B	C	D	E
					Never heard of in the Industry	Heard of in the Industry	Has happened in the Organisation or more than once per year in the Industry	Has happened at the Location or more than once per year in the Organisation	Has happened more than once per year at the Location
0	No injury or health effect	No damage	No effect	No impact					
1	Slight injury or health effect	Slight damage	Slight effect	Slight impact					
2	Minor injury or health effect	Minor damage	Minor effect	Minor impact					
3	Major injury or health effect	Moderate damage	Moderate effect	Moderate impact					
4	PTD or up to 3 fatalities	Major damage	Major effect	Major impact					
5	More than 3 fatalities	Massive damage	Massive effect	Massive impact					

No.	Task/Activity	Risk/Hazard	Threats	Top Event & Consequence	RAM Rating				Existing Controls	Recommendations	Action Party
					P	A	C	E			
1	Do nothing - i. Do not remove PCV and operate as is	1. Potential back pressure build up upstream the PCV to the well head	1. Loss of instrumenet air to the PCV leading to closure of PCV	1. Frequent high pressure trips leading to prodcution deferrment and potential impact on downhole sand control leading to sand production and erosion of the line and other equipments	NA	C3	NA	NA	1. None identified	1. Remove PCV and replace with spool piece and use manual choke for both flow and pressure management offshore	Discipline, PMT
2	Risk During implementation	All construction and fabrication risks will be managed with JHA and PtW processes			NA	NA	NA	NA			
3	Post Implementation Risk - use of only manual choke for both flow and pressure management offshore	1. Hydrocarbon gas under pressure	1. Potential over pressure of downstream equipmentsand Slugcatcher at the CPF	1. LOPC with potential for fire, explosion and personnel injury	C4	C2	NA	C1	1. Flow line is fully rated 2.3123 PZA 001 HH at Pig receiver 3. Slug cacther Relifef valve 3123 RV 100		Discipline, PMT

Risk Assessment Team				
Name:	**Ajilore Linda**	Position: Senior Process Engineer	Sign: Linda Ajilore Digitally signed by Linda Ajilore Date: 2021.03.18 10:54:53 +01'00'	Date:
Name:	**Ebinum Olise**	Position: Senior PACO Engineer	Sign: Olisemeka Ebinum Digitally signed by Olisemeka Ebinum Date: 2021.03.18 11:09:28 +01'00'	Date:
Name:	**Iloma Izu**	Position: Process Safety Specialist	Sign: Izu Iloma Digitally signed by Izu Iloma Date: 2021.03.18 11:53:44 +01'00'	Date:
Name:	**Egodo Edward**	Position: Field operations Supervisior, Forcados	Sign: Egodo Edward Digitally signed by Egodo Edward Date: 2021.03.19 09:03:57 +01'00'	Date:
Name:	**Okoro Felix**	Position: Production Technologist, Forcados	Sign: Felix Okoro Digitally signed by Felix Okoro Date: 2021.03.19 08:53:35 +01'00'	Date:
Name	**Okolomma Emmanuel**	Position: Senior Wells Engineer (CWI)	Sign: [illegible] Digitally signed by Emmanuel Okolomma Date: 2021.04.21 11:02:04 +01'00'	Date:
Approval			Sign:	Date:
Name:	**Nwandu Eze**	Position; Lead, FYIP Onshore	Sign:	Date:
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Reference documents: