Exhibit D

PERFORMANCE TEST

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1.0 Introduction

This Exhibit D describes the critical interfaces and key activities that shall be undertaken to ensure successful completion of the PROJECT through a (uninterruptable) 30 days PERFORMANCE TEST of the PLANT.

The purpose of this document is to provide clear guidance for performing the 30 days PERFORMANCE TEST and to ensure that a strategic and consistent approach is implemented to each aspect of the operation of the PLANT during the PERFORMANCE TEST.

The following sections identify the key objectives and roles and responsibilities, which will ensure that all operations are safely executed in a timely, controlled and effective manner, leading to the successful operation and production of the PLANT.

2.0 PROJECT Organization and Responsibilities

CONTRACTOR, with concurrence of COMPANY, shall perform the PERFORMANCE TEST and provide assistance to COMPANY during the first operation phases of the PLANT. CONTRACTOR shall provide the necessary capability and resources that shall be qualified, competent and experienced in the performance of such activities.

CONTRACTOR shall agree about COMPANY organization, which shall participate in the PERFORMANCE TEST, identifying manpower requirements and how the operation PERSONNEL shall be structured and interface with the various concerned parties during the PERFORMANCE TEST.

COMPANY will provide a core number of qualified operators that are integrated within the PROJECT organisation since the design and construction WORK has started. The COMPANY operators shall be trained by CONTRACTOR on the operations of the PLANT during the execution of the WORK. This core team will be supplemented, as necessary, for start-up and first operation phases of the PLANT.

COMPANY will assign an Operation Manager, who shall be responsible for appointing suitably trained, qualified and experienced COMPANY's PERSONNEL to be in charge of the operation of the PLANT during the start-up and first operation phases thereafter and to jointly carry out the PERFORMANCE TEST with CONTRACTOR.

VENDOR's and or SUPPLIER's representatives on SITE during the PERFORMANCE TEST and the operations of the PLANT shall be co-ordinated and controlled by CONTRACTOR working in close liaison with the COMPANY Operation Manager.

In preparation of the PERFORMANCE TEST, CONTRACTOR shall submit operating, emergency and maintenance procedures; develop the instructions for inspections during the test and define the requirements for the PERFORMANCE TEST on the basis of the CONTRACT for COMPANY's APPROVAL. CONTRACTOR shall submit procedure for commissioning and PERFORMANCE TEST for COMPANY's APPROVAL as per this Exhibit D, Exhibit A Annex-5 and other terms and requirements of the CONTRACT.

COMPANY and CONTRACTOR shall mutually agree on the limits and criteria for the evaluation and acceptance of the PERFORMANCE TEST results and shall mutually verify the availability of the operation spares parts for the PLANT.

COMPANY's Operation Manager will finally stand the responsibility for the PROVISIONAL ACCEPTANCE / FINAL ACCEPTANCE, all through the completion of the PERFORMANCE TEST and for the transfer to COMPANY Operations of the ownership of the PLANT.

3.0 Planning

Critical planning preparation is a major key factor to ensuring successful PLANT start-up and operation in a safely controlled, well-timed and effective manner.
The importance of strategic, detailed planning of the critical operation activities shall be carefully considered during the early stages of development of the overall PERFORMANCE TEST programme.

In order to accomplish effective phasing of the activities in preparation of the PERFORMANCE TEST, CONTRACTOR, in conjunction with COMPANY, shall develop clearly defined systems and sub-systems, which shall form part of the overall start-up and operation structure of the PLANT. This activity shall mainly identify the relationships between the PLANT process areas and their utilities, which dependencies will specifically determine the sequence of prioritized events and the areas of criticality for the successful continued operations after START-UP.

The 30 days PERFORMANCE TEST schedule, complete in its logical configuration, shall be established for each system or subsystem and be based on each relevant target date of completion and Notice for PERFORMANCE TEST completion date to COMPANY.
The progression of the preparation for start-up and operations and the logical, efficient phasing of the PERFORMANCE TEST completion of the PLANT to COMPANY, shall determine the actual sequence for start-up activities of the PLANT sub-systems and systems.

4.0 PLANT System Definitions

In preparation of the PERFORMANCE TEST, CONTRACTOR shall have developed clearly defined system and testing boundaries for the PLANT utilising the Detail Design data in the form of marked-up Piping & Instrument Diagrams (P&IDs), Single Line Diagrams (SLDs), ICSS and SCADA Logic Diagrams, Utilities P&IDs, etc in respect to the scope of WORK.

The definition of the systems boundaries will provide assistance during the start-up and further during the PERFORMANCE TEST to COMPANY Operation.

The following main systems have been identified for the PLANT:

- ASK Onshore Pipeline (APL01, APL02, and APL03),
- ASK Processing Facilities (APF),
- ASK Condensate Offloading and Personal Transfer Facilities (ACP),
- ASK Metering Station (AMS01) and MOGE Tie in Facilities,
- ASK Block Valve Station No.1 (ABV01) Facilities,
- Control Room with SCADA and Communication Systems,
- Cathodic Protection and Mitigation System,
- Ancillary buildings: Control Room, Offices, Warehouse, Catering etc.,
- Accommodation with Utilities,
- Firefighting and Fire Protection Systems,
- Valid Contact Channel for Emergency Parties and Agencies.

COMPANY and CONTRACTOR shall mutually agree on any further division of the PLANT, plans, which may include as many further differentiations in sub-systems as deemed feasible or as applicable to the performance of the WORK and the completion of the PLANT.

5.0 Pre-Requisites

Pre-requisites for the commencement of the 30 days PERFORMANCE TEST shall include but not be limited to the following activities:

- Complete Pre-Start-Up Safety Review (PSSR) close out report,
- Assess the training requirements and qualifications for COMPANY's operators,
- Develop strategy for operations & validate operation philosophy,
- Determine the control system limits for operation purposes,
- Assess the qualifications and acceptance criteria for the PERFORMANCE TEST,
- Determine operability of the safeguards and protections to the operation of the PLANT,
- Develop operating and emergency procedures,
- Assess requirements for operation/emergency scenarios drill,
- Determine operational spare parts requirements,

- Develop effective communication,
- Certified MECHANICAL COMPLETION,
- Certified READY FOR COMMISSIONING,
- Certified READY FOR START-UP (RFSU).

In addition, before the PERFORMANCE TEST could really commence, CONTRACTOR shall have completed all outstanding work or punch list items formally agreed with COMPANY prior to READY FOR START-UP (RFSU).

Prior to submission of the request for MECHANICAL COMPLETION, CONTRACTOR shall initiate the system inspection. An integrated team approach shall be adopted for this event. CONTRACTOR and COMPANY shall designate representatives from all the disciplines to conduct this activity to improve the efficiency of the inspection and avoid duplications.

6.0 PLANT Operating Procedures

COMPANY has provided CONTRACTOR with the PLANT operating philosophy as part of the mandatory PROJECT inputs to CONTRACTOR's detailed engineering design. CONTRACTOR shall provide the operating procedure implementing the necessary instruction to start-up, operate and shut-down the PLANT on the basis of its developed design and the actual characteristics of materials and equipment. Such procedural information shall be categorized as CONTRACTOR mandatory PROJECT deliverables, which are required to support the training of COMPANY operators prior to operation and production of the PLANT. Moreover, due to the importance and critical nature of such information, the operating procedures shall be consistent with the approach referred to in COMPANY basic design guidelines.

Operating procedures shall contain detailed information and orderly operating instructions describing the operation aspects of each system or sub-systems of the PLANT and any ancillary functional interfaces.

It is of crucial importance that CONTRACTOR delivers such procedures in accordance with the overall start-up and operation programme.

CONTRACTOR shall develop these operating procedures in association with designated COMPANY Operations PERSONNEL. In addition, and as applicable, the operating procedures of systems that impact or interface with other facilities such as Offshore Installations, Other Plant Operations and Local Authorities shall be the responsibility of the CONTRACTOR. COMPANY may, where COMPANY considers it necessary, assist the CONTRACTOR in resolving the interface and providing crossover coordination with responsible interface parties.

Prior to the issuance and implementation of an operating procedure CONTRACTOR shall submit such operating procedure for COMPANY's APPROVAL at least one hundred and twenty (120) days before certifying RFSU.

COMPANY and CONTRACTOR shall jointly determine the level of details needed within the operating procedures based on the nature and difference of each PLANT system. CONTRACTOR shall make available VENDOR data manuals in a controlled and timely manner to support the operating procedure detail.

The operating procedure typically shall be arranged around the following design information:

- Reference valid and engineering as-built documentation and drawings (P&ID's, Data Sheets etc.),
- Valve and System Isolation Philosophy,
- System Depressurization Instruction/Procedure,
- Cause & Effects Charts, Control System Schematics etc.,
- Process Purpose and Descriptions,
- Product Specifications,
- Special Features or Modes of Operation,
- Inherent Hazards and Process Upset Considerations,
- Step by Step Operating Instructions,
- Operating Limits,
- Operation Start-up Pre-requisites,
- Interfaces with Utilities, Offshore Installations and other Interface Parties etc.,
- SSHE and APPLICABLE LAWS Requirements,
- Emergency response plan, procedures and management,
- Evacuation Procedure,
- VENDOR Data and equipment start-up and shutdown Instructions, Operation & Maintenance instruction manual,
- Spare parts for commissioning and availability for 2 years operation,
- Alarms and Interlocks,
- Safety Requirements necessary to safely operate the system,
- Training program and materials,
- Security and Permit to Work requirements.

7.0 Gas Introduction Requirements

PERFORMANCE TEST shall start as soon as the PLANT system is purged and filled with hydrocarbon and the overall system is pressurized at the workable conditions for integrity leak testing and completion of start-up/commissioning.

For the hydrocarbon introduction (gas-in) phase, the integrated team approach of CONTRACTOR and COMPANY shall be adopted. CONTRACTOR shall be responsible for start-up/commissioning of all facility/utility systems and shall be ultimately responsible for gas introduction and start-up/commissioning and PERFORMANCE TEST of the entire PLANT as specified in Exhibit A, this Exhibit D and the other terms and requirements of the CONTRACT.

It is the policy of the COMPANY, and the CONTRACTOR shall ensure that all operations associated with gas-in, which will put up live plant areas, are performed under strictly controlled conditions.

PLANT systems and sub-systems will be completed in a phased and controlled manner as it is inevitable that live hydrocarbons filled systems, or part of systems will run through areas still under construction activities. Therefore, it will be necessary to impose restrictions once equipment is live or gases or other hazardous substances have been introduced and COMPANY Operations permit-to-work system shall be enforced.

The following typically identifies the key gas-in activities and responsibilities:

- COMPANY will develop PROJECT Specific Strategies, Internal Management Procedures and Operation Philosophies,
- COMPANY will review Engineering and Design data for Start-up and Operation impact,
- COMPANY will review the CONTRACTOR PROJECT Schedule and perform Critical Path Planning, Logic Phasing and prioritise defined systems and sub-systems,
- COMPANY will develop clearly defined System Parameters for phased PLANT Gas-In,
- CONTRACTOR shall provide qualified/experienced/competent commissioning engineers to COMPANY during this critical phase and ensure that the essential support is adequately maintained to conduct PERFORMANCE TEST,
- CONTRACTOR shall provide for COMPANY's APPROVAL detailed Operating and Emergency Procedures for safe gas-in operation,
- CONTRACTOR and COMPANY shall jointly perform equipment proving runs trials prior to service,

- CONTRACTOR shall purge, pressurize and integrity test all PLANT systems with live gas at COMPANY supply conditions,
- CONTRACTOR shall provide calibration/adjustment/fine tuning/testing to all equipment/instrument with live gas at COMPANY supply conditions,
- COMPANY and CONTRACTOR shall jointly conduct inspection for gas quality and compositions,
- COMPANY and CONTRACTOR shall jointly develop for OTHER EPC CONTRACTOR interface point acceptance criteria and condition,
- COMPANY and CONTRACTOR shall identify Operational and Maintenance Procedure requirements and implement them accordingly.

8.0 Product and Effluent Quality Guarantees

9.0 PERFORMANCE TEST

PERFORMANCE TEST program shall be initiated by COMPANY Start-up Team Leader, following completion of all Process & Utility Systems commissioning / formal hand-over to COMPANY operations personnel of all Process & Utilities Systems & after a suitable period of stable PLANT operation by COMPANY's operations PERSONNEL.

In order to initiate the PERFORMANCE TEST program, offshore gas supply facilities, SALES GAS CUSTOMER facilities, and sales condensate CUSTOMER facilities need to be established, operating in a stable manner & with contaminant levels & process dynamic responses understood by COMPANY operations personnel. No PERFORMANCE TEST program shall be initiated without high probability of success. When commenced, reasonable endeavors shall be made to ensure all runs within the PERFORMANCE TEST program are performed in a sequential manner, such that the PLANT can be restored to full sales capacity as early as possible.

Following start-up of the PLANT on hydrocarbon fluids from ASK wells, COMPANY operations personnel shall be operating the PLANT and CONTRACTOR shall provide surveillance / witness to assure no event can invalidate performance guarantees / warranties until the PROVISIONAL ACCEPTANCE CERTIFICATE (PAC) is signed-off.

Throughout the PERFORMANCE TEST program, CONTRACTOR shall make available all necessary personnel (Vendor representatives alike) for any proprietary item (e.g. analysers / gas compressor etc.) which can affect the outcomes of the program. CONTRACTOR fitters / technicians / engineers shall remain available for any necessary adjustment, to ensure continuity of the PERFORMANCE TEST program.

Upon successful completion of the PERFORMANCE TEST program, the PAC can be issued subject to all requirements specified in General Terms and Conditions have been complied & capital equipment & process warranties can be activated. PERFORMANCE TESTS for the PLANT can only be conducted once the associated upstream offshore facilities and downstream tie-in facilities are also made ready for PERFORMANCE TEST.

COMPANY and CONTRACTOR together with Vendors shall agree the methods and procedures to be used for the PERFORMANCE TESTS, taking full account of any margin of uncertainty in the established methods of measurement. The PLANT PERFORMANCE TEST Procedure shall be prepared by CONTRACTOR and agreed by all Parties at least sixty (60) days prior to the scheduled start-up of the PLANT and further confirmed once ASK actual well fluid feed compositions have been established. CONTRACTOR shall seek APPROVAL (by COMPANY) of the PERFORMANCE TEST Procedure for ASK facilities.

CONTRACTOR shall ensure that during PERFORMANCE TESTS, PLANT is not operated in a manner that could compromise safe operation or operating life or mechanical reliability of the PLANT.

COMPANY and CONTRACTOR together with Vendors shall agree on any special sampling and/or instrumentation requirements necessary during the detailed engineering phase.

COMPANY and CONTRACTOR together with Vendors shall provide technical direction and assistance (including witness) during testing of the PLANT, with the objective of confirming that the PLANT can be satisfactorily operated in accordance with the design parameters and achieve the Performance Guarantees required under the CONTRACT.

PERFORMANCE TESTS shall be conducted as soon as possible after a period of START-UP. In any case, it shall not be later than maximum of thirty (30) days from the READY FOR START-UP (RFSU) date of the PLANT.

Each PERFORMANCE TEST run shall be undertaken over a period of seventy-two (72) hours continuous uninterrupted operation during the 30 days PERFORMANCE TEST and agree upon GRACE PERIOD extension based on the following considerations:

- Capacity of PLANT,
- Schedule for gas consumption from start till design/maximum operating conditions are reached,
- Methods to determine gas flow quantity at start and finish,
- Assessment of temporally facilities/instrumentation requirements at essential lower range of downstream gas consumption,
- Gas sample collection analysis,

- Methods of measurement,
- Consumptions at the utilities (individual unit),
- Quality of Gas or Product,
- Reliability of controls systems and safeguards,
- Consumption of Utilities (overall accumulated),
- Quantity and Composition of gas production,
- Temperatures and Pressures,
- Flows and Levels,
- Mass and Energy Balances,
- Verify operational & functional characteristics of each system train,
- Assessment of reversing depressurization requirement where downstream facilities are not ready to use/not designed for coverage,
- Cathodic Protection and AC Mitigation System,
- SCADA, ESD, and communication systems,
- Solar power generation and back up availability.

CONTRACTOR in association with COMPANY shall develop specific functional specifications and procedures for such activities detailing proposals for product acceptance criteria, measurement, and verification of PERFORMANCE GUARANTEE.

PERFORMANCE GUARANTEE responsibilities shall rest entirely with the CONTRACTOR for each particular portion of the WORK. CONTRACTOR shall demonstrate the ability of the PLANT to operate in accordance with the performance criteria specified in the CONTRACT, which shall encompass the following objectives and conditions:

- Achieve designed production and transmission capacity and quality of the product for the agreed specified period (30 Days),
- Prove adequate reliability and operability of PLANT for the determined PERFORMANCE TEST period (30 Days),
- Verify that the PLANT operates under stable and designed controlled conditions,
- Prove that the product (gas) specification is being achieved,
- Prove the Design Output Efficiency including achievement of designed Mass and Energy Balances.

Following the verification and acceptance of PERFORMANCE TEST; COMPANY Operations shall prepare recommendations for handover and transfer of ownership of the PLANT as issuance of certified PROVISIONAL ACCEPTANCE CERTIFICATE.

10.0 Off-design Well Fluid Composition Procedure

If the actual well fluid composition is substantially different to the defined cases specified in Annex-2, and discrepancies are such as to affect the performance of the PLANT during the PERFORMANCE TESTS, then the performance guarantees shall be adjusted by mutual consent between COMPANY and CONTRACTOR and PERFORMANCE TESTS shall be conducted using the different feedstock conditions. Such adjusted performance guarantees shall be developed using CONTRACTOR's simulation packages following APPROVAL by COMPANY. In the event that the actual feedstock conditions to the PLANT are within the range specified herein, then it shall be CONTRACTOR's sole responsibility to meet the PLANT's performance guarantees.

11.0 Low Condensate Production Rates During Tests

It is anticipated that sales condensate production rates will be insufficient to demonstrate that the condensate processes can achieve their Guaranteed Values. In this instance, CONTRACTOR shall demonstrate the performance of the PLANT at the prevailing production rates, by employing process and hydraulic simulation techniques agreed by COMPANY.

12.0 Unit Performance guarantees

12.1 Equipment Performance Guarantees

CONTRACTOR shall guarantee that all rotating equipment, gas compressor driven by gas turbine, air coolers, dehydration units, as minimum, identified in the Master Equipment List of Exhibit E, as being subject to minimum performance SPECIFICATIONS stated in Exhibit E (Mechanical SPECIFICATIONS, Mechanical Data Sheets and Specialist Data Sheets), and shall meet or exceed those SPECIFICATIONS and such other specifications as may be subsequently approved by COMPANY during the detailed engineering phase. CONTRACTOR shall prepare itemized list of equipment subjected to specific Performance Guarantees to be tested at the same time as or before the PERFORMANCE TESTS.

Unless otherwise stated in other provisions of this EXHIBIT, no liquidated damages shall apply to the Equipment items/materials. In case an Equipment cannot perform in accordance with Project SPECIFICATIONS/Mechanical SPECIFICTIONS/Datasheet, CONTRACTOR is responsible for make good or replacement until such equipment performs in accordance with the Project Specifications/Mechanical SPECIFICATIONS/Datasheets. CONTRACTOR also guarantees the thermal, hydraulic (flow, pressure etc.,) and mechanical performance of equipment items/materials as required in the Project SPECIFICATIONS.
Capacity performance test for the flare including radiation testing will be performed prior to the start of the PERFORMANCE TESTS covered by this document.

Specific PERFORMANCE TESTS subject to these Performance Guarantees shall be identified and APPROVED by COMPANY prior to placement of the applicable purchase order.

12.2 Utility Unit/System Consumption Flow Rate Guarantee

CONTRACTOR shall guarantee that consumptions of fuel gas, instrument air, utility air, nitrogen, potable water, electrical power and other utilities shall not exceed those given in the Utility Consumption Summary at detailed engineering stage (i.e. incorporating both utility balance and vendor details).

The Parties shall agree the utility consumption to be guaranteed, upon COMPANY's APPROVAL of the Utility Consumption Summary at detailed engineering stage and in no event, later than fifty-two (52) weeks after the EFFECTIVE DATE.

12.3 Utility Quality

CONTRACTOR guarantees that the performance of each utility unit / system is capable of producing and delivering the designed utility qualities all as specified in the (FEED BOD).

CONTRACTOR shall update the utility quality based on project development and/or provided by equipment suppliers during the course of detailed engineering.

13.0 Emission Guarantee

CONTRACTOR shall guarantee that the emission from flare stack and tail/exhaust pipe of internal combustion engines/equipment shall not exceed those given in the environmental requirements, as per Annex-5 and APPLICABLE LAW.

14.0 Provision of Operational Spares

CONTRACTOR shall perform an initial review of VENDOR's recommended operational spares. The operational spares shall be clearly identified on the appropriate spare part list to be submitted for COMPANY's APPROVAL. Spare parts to be procured shall be determined by CONTRACTOR in coordination with COMPANY's Operations.

15.0 Operation Personnel Training Requirements

A well-structured and comprehensive training programme for COMPANY Operations shall be developed by CONTRACTOR during the early stages of the WORK in compliance with Exhibit A Annex-12 and the other terms and requirements of the CONTRACT. Specialised training for COMPANY's Operation PERSONNEL (ICSS, SCADA, Measurement Systems etc.) shall be identified following release of specific VENDOR Purchase Orders. CONTRACTOR shall include the requirement for specialised VENDOR's training within the provisions in the relevant Purchase Order.

Annex-1

PLANT Production Design Capacities

Feed Design Flowrate	**PHASE I**	**PHASE II**
Gas (MMSCFD)	72 MMSCFD	120 MMSCFD
Condensate (BPD)	5450 BPD (Note 1)	5450 BPD (Note 1)
Produced Water (BPD)	350 BPD (Note 4)	350 BPD (Note 4)
Export Flowrate	**PHASE I**	**PHASE II**
Gas (MMSCFD)	60 MMSCFD + 10 % Swing Factor (Note 3)	100 MMSCFD + 10% Swing Factor (Note 3)
Condensate (BPD)	5450 BPD (Note 2)	5450 BPD (Note 2)
Produced Water (BPD)	350 BPD (Note 4)	350 BPD (Note 4)

Annex-2

Well Fluid Feed Compositional Basis

APF Feed Component	MW	Density (kg/m^3)	MOLE FRACTION									
			Case1	Case2	Case3A	Case3B	Case3C	Case4A	Case4B	Case4C	Case5	Case6
			WPA-1 Stand alone	WPA-2 Stand alone	Most Likely 60 MMSCFD Phase I	Most Likely 60 MMSCFD Phase I	Most Likely 60 MMSCFD Phase I	Most Likely 100 MMSCFD Phase II	Most Likely 100 MMSCFD Phase II	Most Likely 100 MMSCFD Phase II	Max Condy 100 MMSCFD Phase II	Late Field Life
H2O	18.02	997.99	0.015677	0.048021	0.019363	0.019363	0.012630	0.021895	0.021895	0.010100	0.019254	0.143155
H2S (NOTE 5)	34.08	788.41	0.000025	0.000025	0.000025	0.000025	0.000025	0.000025	0.000025	0.000025	0.000025	0.000025
CO2	44.01	825.34	0.245529	0.151475	0.168919	0.168919	0.170254	0.176523	0.176523	0.178174	0.170935	0.214498
N2	28.00	806.37	0.128627	0.079605	0.114653	0.114653	0.115601	0.115133	0.115133	0.116097	0.115017	0.108415
C1	16.00	299.39	0.576211	0.584873	0.612921	0.612921	0.617919	0.608319	0.608319	0.613658	0.613487	0.500433
C2	30.10	355.68	0.016492	0.052990	0.032266	0.032266	0.032514	0.031197	0.031197	0.031520	0.032138	0.016882
C3	44.10	506.68	0.004964	0.025461	0.013494	0.013494	0.013584	0.012931	0.012931	0.013104	0.013414	0.005744
iC4	58.12	561.97	0.000922	0.006427	0.003195	0.003195	0.003212	0.003042	0.003042	0.003097	0.003169	0.001180
nC4	58.12	583.22	0.001227	0.009778	0.004723	0.004723	0.004744	0.004486	0.004486	0.004577	0.004679	0.001642
iC5	72.15	623.44	0.000612	0.005036	0.002419	0.002419	0.002421	0.002286	0.002286	0.002355	0.002386	0.000776
nC5	72.15	629.73	0.000430	0.003871	0.001846	0.001846	0.001845	0.001736	0.001736	0.001795	0.001815	0.000554
C6	86.18	662.66	0.001027	0.005530	0.002972	0.002972	0.002946	0.002765	0.002765	0.002928	0.002875	0.000834
C7	100.21	686.82	0.004471	0.010075	0.005955	0.005955	0.005831	0.005804	0.005804	0.006350	0.005745	0.001206
C8	114.23	705.38	0.002417	0.004689	0.005458	0.005458	0.005272	0.004668	0.004668	0.005294	0.004957	0.002308
C9	128.26	720.25	0.000455	0.003291	0.003145	0.003145	0.003004	0.002473	0.002473	0.002890	0.002704	0.000663
C10	142.29	732.72	0.000277	0.001647	0.001774	0.001774	0.001682	0.001385	0.001385	0.001651	0.001519	0.000400

C11	156.31	742.85	0.000159	0.001070	0.001179	0.001179	0.001114	0.000912	0.000912	0.001101	0.001005	0.000254
C12	170.34	751.15	0.000113	0.000736	0.000832	0.000832	0.000784	0.000642	0.000642	0.000779	0.000709	0.000181
C13	184.37	758.81	0.000110	0.000691	0.000795	0.000795	0.000749	0.000613	0.000613	0.000747	0.000677	0.000175
C14	198.38	762.91	0.000073	0.000525	0.000586	0.000586	0.000551	0.000451	0.000451	0.000551	0.000498	0.000123
C15	212.41	770.41	0.000036	0.000399	0.000411	0.000411	0.000387	0.000315	0.000315	0.000385	0.000348	0.000075
C16	226.43	775.48	0.000036	0.000298	0.000324	0.000324	0.000305	0.000248	0.000248	0.000303	0.000274	0.000065
C17	240.46	780.19	0.000036	0.000285	0.000313	0.000313	0.000294	0.000240	0.000240	0.000293	0.000266	0.000064
C18	254.48	784.09	0.000036	0.000201	0.000239	0.000239	0.000225	0.000185	0.000185	0.000226	0.000204	0.000055
C19	268.51	787.59	0.000036	0.000149	0.000194	0.000194	0.000182	0.000151	0.000151	0.000185	0.000167	0.000050
C20	282.54	790.67	0.000004	0.000123	0.000113	0.000113	0.000106	0.000086	0.000086	0.000105	0.000095	0.000016
C21	296.58	794.30	0.000000	0.000105	0.000091	0.000091	0.000086	0.000069	0.000069	0.000084	0.000076	0.000011
C22	310.29	796.75	0.000000	0.000083	0.000072	0.000072	0.000068	0.000054	0.000054	0.000066	0.000060	0.000008
C23	324.61	799.91	0.000000	0.000066	0.000057	0.000057	0.000054	0.000043	0.000043	0.000053	0.000048	0.000007
C24	338.64	801.36	0.000000	0.000052	0.000045	0.000045	0.000042	0.000034	0.000034	0.000042	0.000037	0.000005
C25	352.67	803.41	0.000000	0.000043	0.000038	0.000038	0.000036	0.000028	0.000028	0.000034	0.000031	0.000004
C26	366.69	805.37	0.000000	0.000033	0.000029	0.000029	0.000027	0.000022	0.000022	0.000027	0.000024	0.000003
C27	380.72	807.13	0.000000	0.000029	0.000025	0.000025	0.000024	0.000019	0.000019	0.000023	0.000021	0.000003
C28	394.74	808.36	0.000000	0.000023	0.000020	0.000020	0.000019	0.000015	0.000015	0.000018	0.000016	0.000002
C29	408.77	810.34	0.000000	0.000019	0.000016	0.000016	0.000015	0.000012	0.000012	0.000015	0.000013	0.000002
C30plus E0X*	449.00	911.00	0.000000	0.000054	0.000047	0.000047	0.000044	0.000035	0.000035	0.000043	0.000039	0.000005

APF Feed Component	MW	Density (kg/m^3)	MOLE FRACTION									
			Case1	Case2	Case3A	Case3B	Case3C	Case4A	Case4B	Case4C	Case5	Case6
			WPA-1 Stand alone	WPA-2 Stand alone	Most Likely 60 MMSCFD Phase I	Most Likely 60 MMSCFD Phase I	Most Likely 60 MMSCFD Phase I	Most Likely 100 MMSCFD Phase II	Most Likely 100 MMSCFD Phase II	Most Likely 100 MMSCFD Phase II	Max Condy 100 MMSCFD Phase II	Late Field Life
Benzene	78.11	882.19	0.000000	0.000370	0.000170	0.000170	0.000168	0.000151	0.000151	0.000160	0.000163	0.000028
Toluene	92.14	870.04	0.000000	0.000515	0.000295	0.000295	0.000288	0.000245	0.000245	0.000270	0.000268	0.000040
m-Xylene	106.17	866.88	0.000000	0.000577	0.000423	0.000423	0.000407	0.000328	0.000328	0.000376	0.000363	0.000047
p-Xylene	106.17	864.23	0.000000	0.000578	0.000423	0.000423	0.000407	0.000329	0.000329	0.000377	0.000363	0.000047
o-Xylene	106.17	883.15	0.000000	0.000184	0.000136	0.000136	0.000131	0.000106	0.000106	0.000122	0.000117	0.000015
Total			1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
Feed Pressure (barg)			25	25	25	25	25	25	25	25	25	25
Feed Temperature (°C)			33	22.7	33	22.7	22.7	33	22.7	22.7	22.7	22.7

Annex-3

Sale Gas SPECIFICATIONS

PHASE I	60 MMSCFD (DCQ)
PHASE II	100 MMSCFD (DCQ)
H2O (pounds of water vapor per 1 MMCF of gas)	< 7 lb/MMscf
Hydrogen Sulphide (ppm)	< 50 ppm
%CO2 mole	< 25% mole
%N2 mole	< 14% mole
Mercury	< 50 µg/Nm3
Heating value	730 – 1030 BTU/CF and does not vary by more than 3 % in any period of 30 days
Export Temperature	49 – 50 degree C (Operating) 70 degree C (design)

Annex-4

Sale Condensate SPECIFICATIONS

Key condensate sale specification is summarized as follows:

- Reid Vapor Pressure (RVP) : ≤ 12 psia
- Basic Sediment & Water (BS&W) : ≤ 0.1% by volume

Annex-5

Air Emission SPECIFICATIONS

Air Quality Guidelines

Parameter	Averaging Period	Guideline Value µg/m^3
Nitrogen dioxide	1-year 1-hour	40 200
Ozone	8-hour daily maximum	100
Particulate matter PM_{10}[a]	1-year 24-hour	20 50
Particulate matter $PM_{2.5}$[b]	1-year 24-hour	10 25
Sulfur dioxide	24-hour 10-minute	20 500

[a] Particulate matter 10 micrometers or less in diameter
[b] Particulate matter 2.5 micrometers or less in diameter

Engine Combustion Guidelines

Combustion Technology / Fuel	Particulate matter PM_{10}[a]	Sulfur Dioxide	Nitrogen Oxides
Gas	-	-	200[b] mg/Nm^3[c] 400[d] mg/Nm^3 1,600[e] mg/Nm^3
Liquid	100	3%	1,600-1,850[f] mg/Nm^3
Natural gas (3-<15 MW[g])	-	-	90[h] mg/Nm^3 210[i] mg/Nm^3
Natural gas (15-<50 MW)	-	-	50 mg/Nm^3
Fuels other than natural gas (3-<15 MW)	-	0.5% sulfur	200[h] mg/Nm^3 310[i] mg/Nm^3
Fuels other than natural gas (15-<50 MW)	-	0.5% sulfur	150 mg/Nm^3
Gas	-	-	320 mg/Nm^3
Liquid	150 mg/Nm^3	2,000 mg/Nm^3	460 mg/Nm^3
Solid[j]	150 mg/Nm^3	2,000 mg/Nm^3	650 mg/Nm^3

[a] Particulate matter 10 micrometers or less in diameter
[b] Spark ignition; [d] dual fuel; [e] compression ignition
[c] Milligrams per normal cubic meter at specified temperature and pressure
[f] Higher value applies if bore size >400 mm
[g] Megawatt
[h] Electric generation; [i] mechanical drive
[j] Includes biomass

Annex-6

Discharge Effluent SPECIFICATIONS

Refer to Process Basis of Design MM-ASK-1A-APF-PRO-BOD-0001