



CORRIGENDUM - I

SUPPLY, INSTALLATION, TESTING, COMMISSIONING, OPERATION AND COMPREHENSIVE MAINTENANCE OF 1200 SCMh GAS ENGINE DRIVEN COMPRESSOR PACKAGES

**Date:
13.12.2024**

TENDER DOCUMENT NO. IGL/ET2/CP/CC18256

S. No.	Description	Tender Page No.	Clause/ Para/ Section	Amendment/Addition/Modification/Deletion																																																																																				
1	<p>CONTRACT DURATION & DELIVERY SCHEDULE: Delivery of compressors shall be in lots as per IGL requirement. All Compressors shall be supplied & commissioned as per schedule given below.</p>	08 of 113	Cl no. 4.0, Commercial Volume - I	<p align="center">CONTRACT DURATION & DELIVERY SCHEDULE: Delivery of compressors shall be in lots as per IGL requirement. 1st lot of 06 Nos. of compressors are to be delivered within 16 weeks from the date of LOA/ Intimation from IGL. Subsequent lots to be delivered within 16 weeks from date of intimation as per IGL requirement. All Compressors shall be supplied & commissioned as per schedule given below.</p>																																																																																				
2	<p>GAS COMPOSITION:</p> <table border="1" data-bbox="259 804 784 959"> <thead> <tr> <th>Sr. No.</th> <th>Component</th> <th>% Mole</th> </tr> </thead> <tbody> <tr><td>1</td><td>Methane</td><td>92.34</td></tr> <tr><td>2</td><td>Ethane</td><td>5.47</td></tr> <tr><td>3</td><td>Propane</td><td>0.32</td></tr> <tr><td>4</td><td>Butane</td><td>0.027</td></tr> <tr><td>5</td><td>Pentane</td><td>0.003</td></tr> <tr><td>6</td><td>Nitrogen</td><td>1.78</td></tr> <tr><td>7</td><td>Carbon Dioxide</td><td>0.00</td></tr> <tr><td>8</td><td>Sulphur</td><td>00</td></tr> <tr><td></td><td>Total</td><td>100</td></tr> </tbody> </table> <p>Oxygen: Not more than 0.5 mole% Total Non Hydrocarbon: Not more than 2.0 mole% Total Sulphur including H2S: about 24 ppm by weight, Water Content : <dry Mass density (kg/m³) = 0.69 Molar mass (kg/kmol) = 17.1262 NCV (Kcal/Sm³) = 8374.00</p> <p>Above composition shall be taken for guarantee purpose.</p> <p>* The composition, however, may vary between:</p> <table border="1" data-bbox="259 1147 784 1243"> <thead> <tr> <th>Component</th> <th>Range</th> </tr> </thead> <tbody> <tr><td>Methane</td><td>Not less than 80%</td></tr> <tr><td>Ethane</td><td>1% - 8%</td></tr> <tr><td>Propane</td><td>< 3.3%</td></tr> <tr><td>iC4</td><td>< 2%</td></tr> <tr><td>iC5 + nC5</td><td>< 0.25%</td></tr> </tbody> </table>	Sr. No.	Component	% Mole	1	Methane	92.34	2	Ethane	5.47	3	Propane	0.32	4	Butane	0.027	5	Pentane	0.003	6	Nitrogen	1.78	7	Carbon Dioxide	0.00	8	Sulphur	00		Total	100	Component	Range	Methane	Not less than 80%	Ethane	1% - 8%	Propane	< 3.3%	iC4	< 2%	iC5 + nC5	< 0.25%	54 of 90	Cl no. 15, Technical Volume - II	<p>GAS COMPOSITION:</p> <table border="1" data-bbox="1408 836 2024 995"> <thead> <tr> <th>Sr. No.</th> <th>Component</th> <th>% Mole</th> </tr> </thead> <tbody> <tr><td>1</td><td>Methane</td><td>95.274</td></tr> <tr><td>2</td><td>Ethane</td><td>3.544</td></tr> <tr><td>3</td><td>Propane</td><td>0.501</td></tr> <tr><td>4</td><td>Butane</td><td>0.142</td></tr> <tr><td>5</td><td>Pentane</td><td>0.047</td></tr> <tr><td>6</td><td>Hexane</td><td>0.007</td></tr> <tr><td>7</td><td>Nitrogen</td><td>0.238</td></tr> <tr><td>8</td><td>Carbon Dioxide</td><td>0.247</td></tr> <tr><td></td><td>Total</td><td>100.000</td></tr> </tbody> </table> <p>Oxygen: Not more than 0.5 mole% Total Non-Hydrocarbon: Not more than 2.0 mole% Total Sulphur including H2S: about 24 ppm by weight, Water Content: <dry Mass density (kg/m³) = 0.714 Molar mass (kg/kmol) = 17.1262 NCV (Kcal/Sm³) = 8409.38</p> <p>Above composition shall be taken for guarantee purpose.</p> <p>* The composition, however, may vary between:</p> <table border="1" data-bbox="1408 1185 2024 1281"> <thead> <tr> <th>Component</th> <th>Range</th> </tr> </thead> <tbody> <tr><td>Methane</td><td>Not less than 80%</td></tr> <tr><td>Ethane</td><td>1% - 8%</td></tr> <tr><td>Propane</td><td>< 3.3%</td></tr> <tr><td>iC4</td><td>< 2%</td></tr> <tr><td>iC5 + nC5</td><td>< 0.25%</td></tr> </tbody> </table>	Sr. No.	Component	% Mole	1	Methane	95.274	2	Ethane	3.544	3	Propane	0.501	4	Butane	0.142	5	Pentane	0.047	6	Hexane	0.007	7	Nitrogen	0.238	8	Carbon Dioxide	0.247		Total	100.000	Component	Range	Methane	Not less than 80%	Ethane	1% - 8%	Propane	< 3.3%	iC4	< 2%	iC5 + nC5	< 0.25%
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