



## UIO-G FLARING/GOR CONTROL WAIVER

Serial No.:

Date: 30-09-2014

Category<sup>a</sup>: Excess of GOR limit (3\*RSI or 5,000scf/b) ☐

Compressor-system outage ☒

NAG Flaring ☐

AG flaring ☐

Others ☐

Waiver Start Date/Time: 01/10/2014; 1200hrs

Waiver End Date/Time: 12/10/2014; 1800hrs

Facility Name	Agbada 1 & 2 Flow Stations
Flare (or AG) Volume <sup>b</sup> (mmscfd)	Circa 13.6 MMscf/d (Circa 2.6 MMscf/d – Agbada1 and 11 MMscf/d - Agbada 2)
Associated Oil Production <sup>c</sup> (boe)	22,000boe/d
Reason for flaring (or HGOR production)	<p><b>AGBADA AGG TURBINE 30 K INSPECTIONS.</b></p> <ul style="list-style-type: none"> <li>There is a planned change out of Agbada AGG Turbine Engine from 01/10/2014 to 12/10/2014, unit having run 33,391 hrs to date against 30,000 fired hours scheduled engine change out. The engine is available and site mobilisation in place to execute the work as per attached work schedule. This will prevent the compression of associated gas from Agbada 1 and 2 F/S respectively.</li> </ul> <p><b>SECTIONAL REPLACEMENT OF 12 GAS PIPELINE AGBADA 1 TO AGBADA 2.</b></p> <ul style="list-style-type: none"> <li>Planned pipeline sectional replacement of 12" gas export line from Agbada 1 to Agbada 2 requires complete isolation of the line and shutdown of the Booster Compressor.</li> </ul> <p>During the Turbine Engine change out, there will be flaring of 13.60MMscf from Agbada 1 and 2 Flow Stations as against target flares volume of 1.95MMscf/d.</p>
Justification for waiver request	<p>The waiver is to:</p> <ol style="list-style-type: none"> <li>Ensure continued production of 22,000 boe/d from these two facilities ?</li> <li>Keep the flow line pressurised and discourage flow line and well head Vandalisation</li> <li>Achieve planned maintenance activities on AGG and Pipeline facilities.</li> </ol>
Post event actions to remain compliant	<ol style="list-style-type: none"> <li>Production monitoring: <ul style="list-style-type: none"> <li>HGOR wells will be closed-in based on Agbada 1 &amp; 2 GOR creaming curve</li> <li>Gas lift to all gas lifted wells closed</li> </ul> </li> <li>Prompt commissioning of Agbada2 AGG and Agbada 1 Booster as soon as the various activities are completed and SoF approved.</li> </ol> <p>Daily routine flare rate when the AGG and Booster is available is circa 0.90MMscfd which is within the limit of 1.95MMscfd target.</p>

	Originator: Asset/Project/Asset Dev. Mgr	Agreement: GM/Lead - (Asset/Project/Dev.)	Supported (SCiN only): Mgr, Prod. Services
Name	BOMA BROWN	JURGEN JANSEN	OBI AKOSA
Job Title	ASSET MANAGER	GM, ONSHORE PRODUCTION	PRODUCTION SERVICE MANAGER
Signature			
Date	30/09/2014	30/09/2014	

Approved by the GM, Production: Signature and Date:.....

### Distribution List :

Signatories + Operations Manager/Senior Operations Support Engineer/ Gas Allocation Engineers/Senior Programmer/Maintenance and Integrity Manager/ Production Services Manager.

<sup>a</sup> Please tick the appropriate box

<sup>b</sup> please specify amount of gas to be flared per day

<sup>c</sup> please specify potential net oil per day that would have been produced if the gas is flared

<sup>d</sup> please specify actions to be taken post event so as to remain compliant with policy and set target