

**Numaligarh Refinery Limited**  
**(A Government Of India Enterprise)**  
**NRL Complex, Numaligarh,**  
**Dist-Golaghat,**  
**Assam 785699**



**Trial Conducted By:- Abhitech Energycon Limited**  
**Mumbai, India**

<b>Vaccum Distillation Unit (VDU)</b>					
<b>At a Glance</b>					
Parameters	Units	Pre Average	Post Average		
		1st July to 7th December 2015	16th August to 13th December 2015	Results	Remarks
Trial Period					
No of Days		67	90		
TOTAL RCO FEED FLOW	MT/ hr	141.78	145.91	4.13	MT/hr Increase
Fuel Gas Consumption	tons/hr	0.677	0.679	0.002	Tons/hr Increase
IFO Consumption	tons/hr	0.383	0.375	0.01	Tons/hr Reduction
Total Heat Input	kcal	11855	11796	59	Kcal/hr Reduction
GCV of Fuel Gas	kcal/kg	11887.00	11887.00		Constant
GCV of IFO	kcal/kg	9949.00	9949.00		Constant
Heat Rate	kcal/kg	84.60	81.56	<b>3.6</b>	<b>% Reduction</b>

अभिजीत नेउग/Abhijit Neog  
 वरिष्ठ प्रबंधक (ऑपरेशन)/Senior Manager (Operation)  
 नुमालीगढ़ रिफाइनरी लिमिटेड / Numaligarh Refinery Limited  
 गोलाघाट, असम /Golaghat, Assam-785699

*Abhijit Neog*  
 5/11/16

*Galbar*  
 5/11/16



For, Abhitech Energycon Limited

For, Numaligarh Refinery Limited