


## QUESTIONNAIRE FOR DUAL FUEL CONVERSION OF SLOW-SPEED ENGINE (up to 1 000 rpm)

<b>CUSTOMER</b>	Name			
	Address			
<b>GENERATING SET</b>				
Manufacturing No:		Year of installation		
		Running hours per year		hours
		Total running hours		hours
Nominal output		kVA	Overhauling period	top-hours
Nominal output		kWe		maj.-hours
Operation output at site		kWe	Hours since last overhaul	hours

ENGINE					
Producer			<b>Turbo charger</b>	Yes	No
				<input type="checkbox"/>	<input type="checkbox"/>
Model No.			Number of turbo chargers		
Nominal speed		rpm	Max. manifold air pressure		bar
Number of cylinders			Temperature of boost air after intercooler		°C
Bore		mm	<b>Speed governor</b>		
Stroke		mm			
Cylinder arrangement	in line	V-type	Type	mech.	electric.
	<input type="checkbox"/>	<input type="checkbox"/>		hydraulic.	el.-hydr.
Suction inlet to cylinder	single	double	Producer	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>		Model No.	
Strokes	4stroke	2stroke	Producer		
	<input type="checkbox"/>	<input type="checkbox"/>		Model No.	
Relative consumption at generator terminal			g/kWh	<b>Actuator</b>	
				lit/kWh	Producer
Fuel consumption at operation output			lit(kg)/hour*	model No.	
Valve timing	inlet valve beginning			° before TDC	
	exhaust valve end			° after TDC	
Note: Copy of technical parameters from engine manual will be appreciated.					

GAS					
Type of gas		Gas price		...../mmbtu*	...../ m <sup>3</sup> *
Gas pressure available		psi*	bar*	* or whichever standard unit (please specify)	
Net calorific value		kcal/m <sup>3</sup> *	*		
Please provide the particular gas specification.					

LIQUID FUEL						
Type of fuel	diesel	HFO		Fuel price		....lit*
	<input type="checkbox"/>	<input type="checkbox"/>		HFO viscosity at 50 °C		cSt
Engine starts and stops at	<input type="checkbox"/>	<input type="checkbox"/>		HFO preheat temperature		°C
Specific Gravity			kg/lit	HFO viscosity at above temp.		cSt
Net calorific value			kcal/kg	Min. permissible load at HFO		kW
Date:				Signature:		