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CO	Carbon Monoxide
HC	Hydrocarbon
NOx	Oxides of Nitrogen
CNG	Compressed Natural Gas
CO <sub>2</sub>	Carbon Di-oxide
O <sub>2</sub>	Oxygen
ppm	Parts-per million
bTDC	Before Top Dead Centre
N-m	Nanometre

## ANNEXURE

### Consolidated Results for Different Flow Rate of LPG with Diesel and Sole Diesel Fuel

	Diesel	0.3 kg/hr LPG flow	0.5 kg/hr LPG flow	0.8 kg/hr LPG flow
Carbon monoxide	0.07	0.15	0.22	0.23
Hydrocarbon	46	125	203	282
Oxides of Nitrogen	778	520	546	446
Indicated Thermal Efficiency	51.79	45.43	40.92	33.25
Brake Thermal Efficiency	33.04	28.98	26.11	21.21

### Consolidated Results for 0.3kg/hr Flow Rate with Different Configuration of Venturi

	T	V1	V2	V3
Carbon monoxide	0.15	0.19	0.16	0.15
Hydrocarbon	125	118	109	105
Oxides of Nitrogen	520	606	642	515
Indicated Thermal Efficiency	45.43	47.35	46.12	48.4
Brake Thermal Efficiency	28.98	30	27.03	30.08

## NOMENCLATURE

LPG            Liquefied Petroleum Gas