NOMENKLATUR

	SIMBOL	SATUAN
Torque	τ	Nm
Balance	F	N
Torque arm leght	L	Mm
Time	t	s
Revolutions	n	rpm
Power output	BHP	kW
Dynamometer constant	K_1	
Fuel gauge calibrated volume	Vg	L
Fuel consumtion	BFC	I/h
Spesific Comsumtion	BSFC	I/Kw-h
Density of fuel	p_f	Kg/I
Lower calorific value	H_I	J/kg
Cylinder diameter	d	mm
Piston Stroke	s	mm
Number of cylinderts	N	
Constant 2- stroke	K_2	1
Constant 4- stroke	K_2	2
Swept volume	V_s	1
Clerance volume	Vc	
Indikator power	I	kW
Mechanical losess	M	kW
Brake mean eff presure	p	kN/m_2
Friction mean eff Pressure	M	kN/m_2
Mechanical efficiency	η_{mech}	%
Air Standard effisiency	η_a	%
Diameter of measuring	D	Mm
Volume of air box	V_B	m^3
Orifice coefficient	K_3	
Temperauture of air	T_a	K
Barometic Pressure	P_a	kN/m^2

Desity of air	p_a	kg/m^3
Velocity of air flow	U	m/s
Head across orifice	h_0	cmH_2O
Gas constant	R	J/kg^0k
Volumetric effof engine	η_{vol}	%
Heat of combustion of fuel	H_1	J/s
Enthalpy of exhaust	H_2	J/s
Enthalpy of inlet air	H_3	J/s
Heat to cooling water	Q_1	J/s
Other heat	Q_2	J/s
Exhaust temperatur	T_e	^0C
Engine cooling water flow	qw	L/s
Cooling Water inlet temp	T1	^0C
Cooling water outlet temperauture	T2	^0C