



MAN B&W Diesel

Hercules Task 8.2 New measurement methods



Selected results (MBD-C):

- ZrO₂ NO_x/O₂ sensor instrumented

- Set-up of FTIR analyzer for on-board measurements





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Selected results (NTUA):

- Individual cylinder measurement of NO with original sample inlet, installed on engine MAN B&W 5L16/24, NTUA/LME test bed
- Crank angle measurement
- Measurement of Opacity after turbo charger

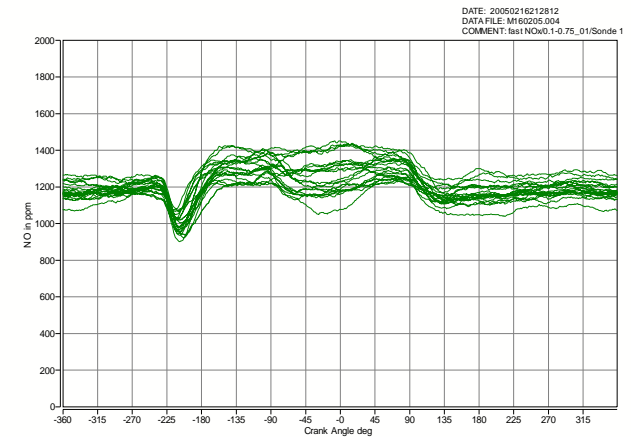
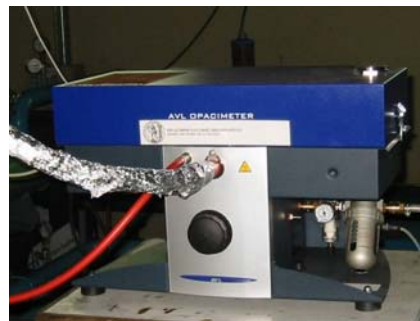
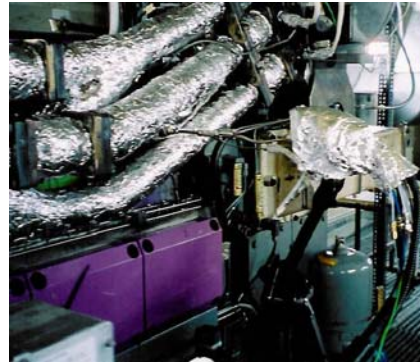


Fig. 1 Individual cylinder NO measurement, rated speed, 75% load, 20 combustion cycles

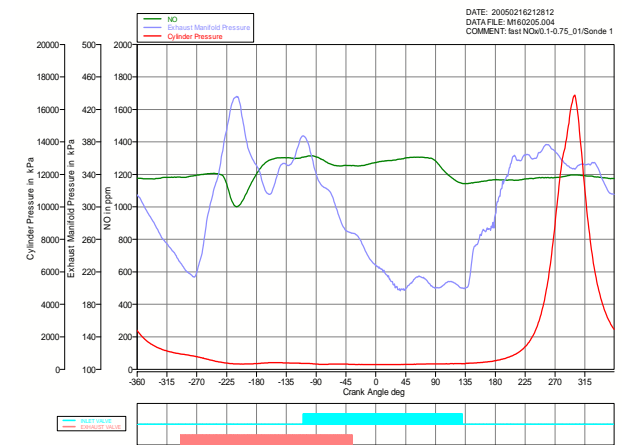


Fig. 2 Individual cylinder NO measurement, rated speed, 75% load, mean of 20 combustion cycles