

DEMAND REGULATOR PERFORMANCE

- ANSTI - MARES - ANSTI -

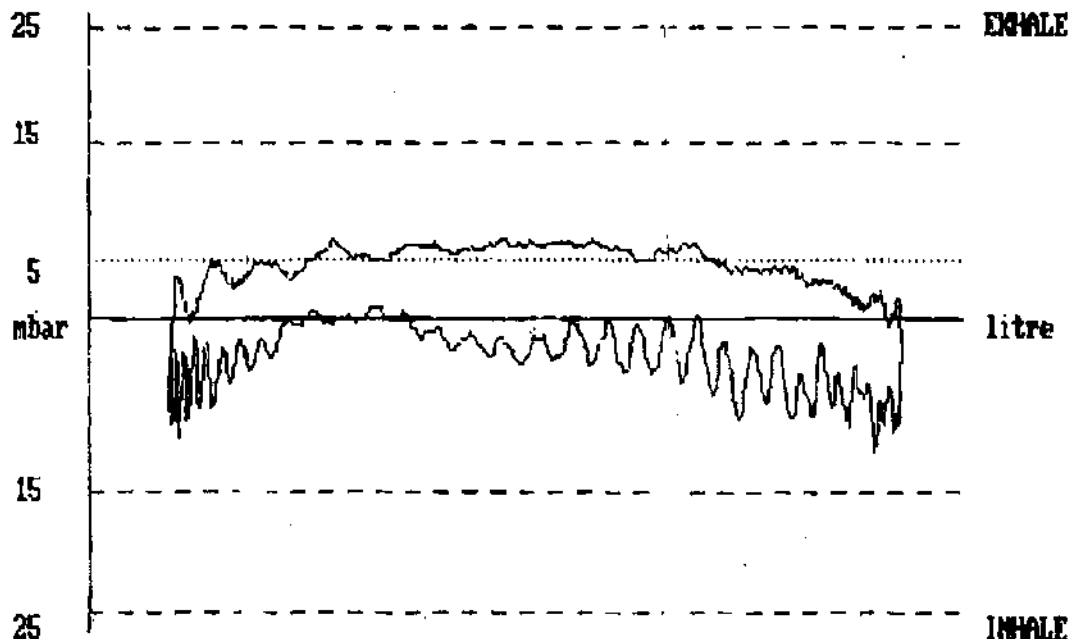
CERTIFICATE REFERENCE :
 DATE : 01-08-2002 TIME : 15:19:29

EQUIPMENT
 REGULATOR TYPE : PROTON ICE
 SERIAL NUMBER :
 INTERSTAGE PRESSURE : 9.9/15.2 bar.g (SURFACE/DEPTH)

CONDITIONS OF TEST
 ROOM TEMPERATURE : 20.0 C
 WATER TEMPERATURE : 21.7 C
 EXHALE TEMPERATURE : 21.3 C
 HP SUPPLY PRESSURE : 50/ 54 bar.g (STATIC/DYNAMIC)
 TIDAL VOLUME : 2.50 litre BREATH RATE : 25.16 bpm
 VENTILATION RATE : 63.0 lpm

RESULTS
 INHALE PRESSURE = 11.56 mbar (LIMIT = 25 mbar)
 INHALE POS PRESSURE = 0.99 mbar (LIMIT = 5 mbar)
 EXHALE PRESSURE = 6.82 mbar (LIMIT = 25 mbar)
 EXT WORK OF BREATHING = 0.80 J/l (LIMIT = 3.0 Joules/litre)
 INHALE WORK = 0.33 J/l
 POS INHALE WORK = 0.00 J/l (LIMIT = 0.3 Joules/litre)
 EXHALE WORK = 0.48 J/l

PRESSURE - VOLUME DIAGRAM AT DEPTH OF : 50.7 msw (166 fsw)



REMARKS :

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