

# CERTIFICATE

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/s RESISTOFLEX (P) LTD., B-103, SECTOR 5, NOIDA-201 301 Have developed 4" Bore & 5" Bore, JET PACK FIRE PACK BELLOWS, against M/s GARDEN REACH SHIPBUILDERS & ENGINEER LTD., CALCUTTA order No. HN/42/NE-788/OR/3010/026 dated 14 Jul 98.

The type approval test to DGS 1055, was carried, on 4" Bore bellows, which consist mainly of following tests:-

- |                                |   |   |
|--------------------------------|---|---|
| (A) Low Temp. Flexibility test | : | Flexibility at $-10^{\circ}\text{C}$  |
| (B) Pressure test              | : | 15 kg./cm <sup>2</sup>  |
| (C) Stiffness test             | : | Axial & Lateral displacement under 10 kg./cm <sup>2</sup> pressure                  |
| (D) Endurance test             | : | 1,00,000 cycles under pressure impulses, Vibrations & at $70^{\circ}\text{C}$ temp. |
| (E) Vacuum test                | : | 28" vacuum at $55^{\circ}\text{C}$ temp.  |
| (F) Proof pressure test        | : | Till bursting   |
| (G) Flame resistance           | : | 10 Min. Under flame   |

It is certified that Jet Pack Fire Bellows have been put to use on Naval Ship.



(S.AILAWADI)

LT.CDR.IN.

QUALITY ASSURANCE OFFICER (WE)

NO.QAE(D)/E/3158

DATED 04 JUL 2000

M/S Resistoflex (P) Ltd.,  
B-103, Sector-V  
Noida - 201 301

