



SHOCK STUDIES DIVISION
SHOCK, NOISE AND VIBRATION CENTRE
Naval Science & Technological Laboratory
Visakhapatnam - 530 027, INDIA

ISO 9001:2008 CERTIFIED

SHOCK TEST REPORT

1. Report /Certificate No. : NSTL/ETC/SHK/11-2020
2. Test Item : Sea suction Strainer 10 " (250 NB)
3. Drawing Number . : NS/SSTR/AP 132
4. Weight : 170 Kg
5. Year of Manufacture : 2020
6. Manufactured by : NISAN
7. Pressure Rating : BS 4504 3.3
8. Shock Test Machine : 2.5 Ton Shock Test Machine
9. DESCRIPTION OF MOUNTING : The Sea suction Strainer 10 " (250 NB) was rigidly mounted on the Shock Test Machine Table along with fixture.
10. Shock Test specifications : BR 3021 & Curve `A`
11. Test Details :

Shock Parameters	Test-1	Test-2	Test-3
Max. Acceleration(g)	269g	270g	270g
Pulse Duration (msec)	3.3 msec	3.3 msec	3.3 msec
Pulse Shape	Half-sine		
Damages if any	No visual / physical damages		

12. Conclusions : The Sea suction Strainer 10 " (250 NB) with flange ends has been subjected to shock Test as per specification and no physical damage is observed.
13. Test Conducted on : 25-09-2020
14. Test Team :

Organisation	Name and Designation
NSTL Test Team	Sri.V.Rameshbabu, Scientist -`D`
	Sri. Ajay Kumar Soyal, Scientist - `B`

V. Rameshbabu

V.Rameshbabu
Scientist -`D`

V.RAMESH BABU
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