



CERTIFICATE NO:
11-MMPS-CWFA-001

EFFECTIVE DATE:
13 OCTOBER 2011

CERTIFICATE OF Shaft Cladding Facility Approval

THIS IS TO CERTIFY THAT

STRAIGHT LINE MARINE, FT. LAUDERDALE, FLORIDA

HAS QUALIFIED FOR STAINLESS STEEL CLAD WELDING OF SHAFTS IN ACCORDANCE WITH ABS RULES PART 7 APPENDIX SECTION 11, "GUIDE FOR REPAIR AND CLADDING OF SHAFTS".

PROCESS	GAS METAL ARC WELDING
SHAFT MATERIAL	AQUAMET 22
FILLER METAL	ER316L
SHIELDING GAS	90% HE / 7.5% ARGON / 2.5% CO-2
PROCEDURE	STRAITLINE MARINE REV. C DATED 31 MAY 2011
ABS REPORT	FL2011660 DATED: 13 OCTOBER 2011

THIS CERTIFICATE IS VALID FOR FIVE YEARS FROM ITS EFFECTIVE DATE.



Gopal Magadi
Manager
ABS Materials, Houston

Ref: MMPS: 7063; O2E TASK: 819477; OPN: 2587315

Note: This certificate evidences compliance with one or more of the Rules, Guides, Standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof.