



Lloyd's Register of Shipping

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Massachusetts 02370

Please address further communications to The Secretary, and quote

Our Ref MDA/42141/86/JJC

Your Ref

Date 2nd October, 1986

L
c.c. New York
Materials
Engine Reports

Dear Sirs,

Resin Repair Systems

We refer to your letter dated 21st August, 1986 together with enclosures in respect of the above.

The products have been reviewed and we would advise that the Society has no objection to the use of polymer resin types S-16, S-30, HT-S, T, TS-RB, MZ-2, PA-, Arcane and Argonite for temporary repairs of a general nature to machinery with the following exceptions:-

- (i) Any component in rubbing contact with another.
- (ii) Any component subject to dynamic loading.
- (iii) Any pressure part in contact with gas or vapour.
- (iv) Any pressure part in contact with a liquid above 3.5 bar, except that pressure parts in contact with fuel oil or lubricating oil may be unacceptable.
- (v) Any component where the temperature exceeds 90°C unless the firm can demonstrate tensile shear adhesion and flexural strength are not substantially affected beyond this temperature.

Minor applications are left to the judgement and direction of the local Surveyor, however extensive applications will have to be specially considered in each case. All applications are to be in accordance with the manufacturer's instructions and are to be carried out by suitably trained personnel.

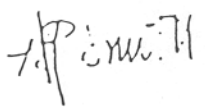
It should be understood that the application of these compounds is not deemed to add strength to any item being temporarily repaired.

With regard to the tailshaft wrapping procedure, the particular grade of Arcor which it is intended to employ has not been specified in the procedure document and until we receive this information we will not be able to give full consideration to the proposed procedure.

Cont.

Please forward a revised procedure document which incorporates the specific grade of Arcor to be used.

Yours faithfully,



H. LEE
SENIOR SURVEYOR
MACHINERY DESIGN APPRAISAL

DJJ/ds