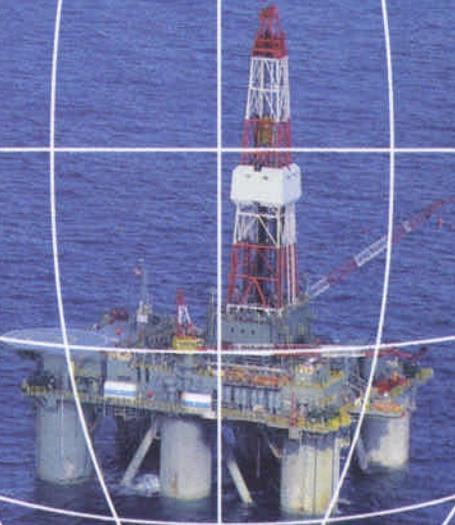


Protecting the Splash Zone of Offshore Platforms around the World

Assessing Coatings for Concrete Pipe in Aggressive Conditions



REPORTS ISSUED ON COATING ADHESION, ASSESSING CONCRETE

The Naval Facilities Engineering Service Center has published *Quantifying Sound Coating Adhesion* and *Concrete Floor Condition Assessment*, both written by C. Dave Gaughen.

Available as Special Publication SP-2067-SHR, *Quantifying Sound Coating Adhesion* covers the following topics:

- cohesive strengths of substrates and pull-off strengths of coatings;
- properties that should be quantified before maintenance painting begins;
- information needed to determine sound initial adhesion; and
- examples of premature failures due to poor adhesion.

Concrete Floor Condition Assessment, User Guide UG-2038-SHR, offers an approach to assessing floor condition before specifying a thin-film coating system, a thick-film coating system, or an overcoating system. The report focuses on a procedure for determining the condition of the concrete. The procedure includes identifying the concrete surface texture, measuring the adhesion of existing coatings and cohesive strength of the concrete surface, assessing the type and extent of surface contamination, and determining the concrete's rate of moisture vapour transmission.

The author concludes by summarising the coating system requirements for thin-film, thick-film, and overcoating systems that draw on the information gathered during the condition assessment.

Copies of the reports can be obtained from NFESC, 1100 23rd Ave., Port Heuneme, CA 93043-4370, USA.