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To Whom It May Concern.

I wish to make it known that the following is a true statement and record of the use of Chemco Easi-guard here on site at BP Grangemouth Complex.

The first item I wish to note is the correction of the description of Chemco Easi-guard, it is not a water based epoxy coating, it is a water borne, epoxy based coating. The water does not become part of the final closed film, but is simply the vehicle for the epoxy components.

The track record for its useage here at BP Grangemouth Complex is as follows.
Kinneil Mercury Treaters, 2 process vessels, and 130 linear metres of associated pipework, applied over Fendolite M 11 Cementitious Fire Protection. This was the first application carried out here on site, during may/june of 1998. This material was selected after substantial trials and testing of several products of similar generic type. I.e. all water borne epoxies.

Recent site inspections have shown no deterioration in the coating, including Gloss Level and Colour Fastness, despite a monthly trial of the Deluge system using Brackish Salt Water. And twice annual high pressure water washes for inspection purposes. (6,000 psi.)

Tk. 801, 802, 803, 804, Propane storage bullets (vessels) on Refinery PLPG plant. Including 350 linear metres of associated pipework. Subjected to monthly Deluge trials as above. Also included on the PLPG plant were 4 spheres for Butane Storage and Propane Storage useage. These were T 313, 314,330, 331, 332, 333, and 334. The coating was applied over Fendolite M 11 passive fire protection. This refurbishment project commenced in April 1999 and was completed in July 2002 as far as the fireproofing and coating scope of works were concerned.

Recent site inspection showed no deterioration, no loss of colour or any lessening in gloss retention. (Please note that this plant is exposed to a marine environment, with salt contamination from Deluge system testing, as well as from typical marine weathering.)

Road Crossing Culverts 1, 2, & 5, these culverts are subject to sporadic flooding, occasionally up to complete immersion. They are also subjected to extremely salt laden water ingress during the winter months. (Road Salt) They are subjected to a full power wash down after flooding, at 6,000 psi (Using rotating head equipment.)

There has been no loss of Gloss Retention or Clour Fastness. The substrate that the Easi-guard was applied to is reinforced Portland Cement High Density Concrete, each culvert is semi circular in section, 3 metres high in the centre line, and 35 metres long. They are there as the means of running pipelines between the Refinery and North side and South side Chemical plants.

Hound Point 1 & 2, Closed Drains Interceptor Tanks, these are High Density concrete tanks which are installed beneath the decks of Hound Point 1, and 2, Export facilities offshore in the Firth of Forth. Chemco Easi-guard was applied to the internals of these tanks, which are subject to immersion service , when the effluent occasionally has hydrocarbon content, and is at elevated temperatures of 40-50 Celsius. As well as being Sea Water that has been used for de-ballasting purposes. These were coated in the years 2000 and 2001 at SEPA's request to avoid hydrocarbon seepage through the walls and dripping into the Forth. Again, these get power washed down at 6,000 psi with rotating head equipment and degreasing chemical. There are currently no areas of concern regarding the coating.

Should you have any further queries regarding this subject, please do not hesitate to contact me on any of the telephone numbers listed above or by e-mail at the following address:
wheatmag@bp.com

There is one other point I would like to bring to the attention of the reader, and that is that the Chemco Easi-guard plays no part in the actual fireproofing of the items so coated, it does however give excellent weathering and chemical resistance to the fireproofed items to allow the Fendolite M 11 to be kept in first class condition, so that it may function as predicted in a fire.

Yours Sincerely,

Dr. George Wheatman PhD. F.Icorr.