



26 July 1996

Stewart-Buchanan Gauges Ltd
Burnside Industrial Estate
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Chevron U.K. Limited
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Attention: Mr J Sweeney

Dear Sir

SUPPLY AGREEMENT

We confirm that Stewart-Buchanan Gauges Ltd will monitor all enquiries and maintain records as part of our supply agreement to ensure that standardisation is maintained throughout Chevron's North Sea installations and that the Stewart-Buchanan 'Vibragauge' is the preferred option when enquiries are received for the supply of instrument gauges to Chevron's Sub-Contractors and suppliers of major equipment.

Yours faithfully

PI **I S BINNIE**
NNS Maintenance & Engineering Manager



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To: S. Kerkofs - Engineering Manager, Maint Services
From: Russell Evans - Inst/Elect Eng, Olefins
Date: 23rd September, 1992

Direct Line: 0639 815
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Subject: STEWART AND BUCHANAN "VIBRO GAUGE"

INTRODUCTION

In conjunction with our Purchasing Department I have recently been using two gauges i.e. vibro gauges on the discharge of our low pressure condensate pumps.

DISCUSSION

The pumps and associated pipework generate vibrations which destroy pressure gauges very quickly. It has now become practice to change the gauge every time the discharge pressure reading is required. Because this duty is the worst I have known on the Olefins Plant, it was this duty chosen to give these gauges a "real" trial.

RESULTS

During the two month trial period the gauges worked correctly and are continuing to do so.

RECOMMENDATIONS

That the Stewart Buchanan "vibro gauge" is used on all applications where pressure oscillations or external vibrations are known or anticipated. Although the vibro gauge is slightly more expensive to purchase than a conventional gauge its use will give:

1. More reliable pressure readings.
2. Reduced maintenance costs.
3. Reduced purchasing costs.

These advantages will greatly compensate for the slight extra cost incurred initially.

RUSSELL EVANS

Instrument and Electrical Engineer - Olefins