

Pipeline Pigs

Deposits collecting in oil & gas pipelines cause coking. To address this issue, a local company *Mun Siong Engineering Pte Ltd* turned to EWTCOI. Our researchers designed and developed the formulations and manufacturing processes for producing decoking devices known as 'foam pigs' and 'pin pigs'. 'Pin pigs' are used for the actual decoking while 'foam pigs' determine the extent of the coking as well as the size of the 'pin pigs' needed. 'Pin pigs' swivel when propelled into the pipeline at high water pressure and the studs attached to the surfaces of 'pin pigs' create an abrasive force that removes the deposits from the pipelines. These innovative cleaning devices have been field tested and are now being produced in Singapore.

EWTCOI can help you break through to new possibilities.

Key Features & Benefits

- Cheaper than imported 'pigs'
- Higher productivity as local 'pigs' can be designed to suit immediate needs
- Better management of quality of local 'pigs'
- Adds value with new capabilities in maintenance services
- Enable new revenue stream







Applications

• Pipeline maintenance in oil & gas, petrochemical, refinery and power plant industries

Foam Pigs





Pin Pigs after test



| WEDNESDAY, FEBRUARY 12, 2014 | THE STRAITS TIMES |

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Partnering technology experts pays off

Mun Siong Engineering: Lower costs, more efficient service

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