

ADG TIME AND ENERGY LIMITED



CAPABILITY STATEMENT

PROCESS TROUBLESHOOTING, DEBOTTLENECKING AND OPERATIONS SUPPORT

SUMMARY

ADG Time and Energy Limited has extensive experience in the disciplines of Process Troubleshooting, Debottlenecking and Operations Support. This experience has been built up through over 14 years of in-situ support with various upstream oil and gas Exploration and Production (E&P) companies. This experience encompasses both onshore and offshore installations.

ADG Time and Energy Limited is committed to providing a first class service either through in-situ presence or by executing discrete pieces of work from home office.

ADG Time and Energy Limited is capable of undertaking Debottlenecking Studies for clients wishing either to investigate the effects of new feedstock entries to existing installations, identifying limiting factors or to understand opportunities to extend existing capabilities.

Troubleshooting capabilities have been developed over the 14 years of in-situ support. Many situations have been dealt with ranging from identification of Glycol Package failings to Fired Heater troubleshooting post commissioning to pinpointing Produced Water Treatment / Re-Injection weaknesses and developing action plans to mitigate these weaknesses.

Operations support services, again, have been honed over the 14 years of in-situ presence. The services available range from development of operating procedures, implementation of clients' integrity management policy, plant commissioning as operations representative, maintenance of Process Safety critical documents on behalf of the client, these typically would include P&ID's, Safety Related Device registers, Locked Valve registers and HAZOP documentation.

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EXPERIENCE (*Gained as staff member as well as ADG Time and Energy Limited*)

Operations Support

Description	Dates	Client/Installation
In-situ operations support Engineer to St. Fergus gas terminal	1990-1994	
Commissioning of Frøy Debottlenecking Study recommended modifications	1991	TOTAL / St. Fergus Gas Terminal
Commissioning of Miller Gas Reception Facility; Development of start up procedures	1992-1993	TOTAL / St. Fergus Gas Terminal
In-situ onshore operations support Engineer to Alwyn North Platform	1994-2000	TOTAL/Alwyn North Platform
Development of Dunbar to Alwyn North Pipeline pigging strategy and procedures. Execution of pigging operation	1996	TOTAL/Dunbar Platform
Commissioning of gas plant upgrade modifications; Site leader	1998-2000	TOTAL/Alwyn North Platform
In-situ onshore operations support Engineer to Leadon FPSO;	2000-2001	Kerr McGee/ Leadon FPSO
In-situ onshore operations support Engineer for Miller and Clair platforms	2005-Now	bp/Miller & Clair Platforms
Provision of modification co-ordination support	2005-2006	bp/Miller Platform
Implementation of company Process Integrity Management policy	2006-2008	bp/Clair Platform
Full topsides detailed HAZOP, including Drilling modules	2007-2009	bp/Clair Platform

ADG Time and Energy Limited is a limited company registered in Scotland No.SC269308 with VAT registration No.847323224

Registered Office: Bon Accord House, Riverside Drive, ABERDEEN, AB11 7SL

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Debottlenecking

Description	Dates	Client/Installation
Introduction of Frøy fluids to St. Fergus gas terminal Debottlenecking Study	1990-1991	TOTAL / St. Fergus Gas Terminal
Produced Water Reinjection debottlenecking; developed temporary solution to extend capability while permanent solution was being designed	2004	bp/Schiehallion FPSO
Introduction of sour gas to the Tiffany Platform; Identified potential bottlenecks and proposed possible solutions	2004	CNR/Tiffany Platform

Troubleshooting

Description	Dates	Client/Installation
Assessment, post commissioning, of Miller Receiving Facilities heating medium fire heaters when units lacked controllability.	1993	TOTAL/St. Fergus Gas Terminal
Assessment, post commissioning, of the Dunbar heating medium fired heater following reports of control problems	1994	TOTAL/Alwyn North Platform
Produced Water Re-injection troubleshooting, including offshore solids particle size distribution survey (using Jorin ViPA) and troubleshooting fact finding	2003	bp/Schiehallion FPSO
Glycol based gas dehydration system troubleshooting; full export rates re-established post visit	2005	BG/Armada Platform
Troubleshooting of Oil Export pump control instability, development of corrective strategy	2006	bp/Miller Platform
Identification of failure mechanism of seawater lift Hypochlorite generation and injection system; Supervision of engineer developing solution.	2007-2008	bp/Clair Platform

CONTACT

If you wish to discuss the range of experience presented in this capability statement or the contracting of ADG Time and Energy Limited services, please use the following contact methods:

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