**Stephen Burt (MSc, MCIOB CCM, CMgr, FCMI, PMP, MAPM)**

**Senior Onshore Construction Projects Manager**

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**Professional Summary**

**Personal Profile**

A highly-accomplished **Senior Construction Projects Manager** and renowned **Pipeline Construction Expert,** planning, costing, coordinating, controlling, documenting and delivering **US$ Multi-Billion Oil & Gas Construction Project**s across the globe and across theentire spectrum of processing facilities & pipelines, from FEED to Commissioning/Final Handover, **meeting/exceeding budget, schedule, HSEQ and technical integrity objectives** for major operators and EPC contractors for the past 27 years.

**Professional Memberships**

CIOB Chartered Construction Manager

Chartered Management Institute (Fellow)

Association for Project Management (Full)

Project Management Institute

AACE International

The Welding Institute (TWI)

**IT Skills**

MS Office Word, Excel etc.

MS Project

Primavera P6

Suretrak

Critical Chain Project Management

**Management** **Skills & Expertise**

Project Planning / Management / Reporting; Cost / Risk Management; HSE and Quality Compliance; Operational Scheduling; Multidisciplinary Team Management.

British, American, Russian and Australian Standards, Codes of Practice and company design; liaising knowledgably with in-country Regulatory Authorities.

Small to large diameter, long-distance Pipelines in all landscapes and climates, extending to both trenchless technology and open-cut installation techniques.

**Career Profile**

**Consultant Construction Projects Manager: 2012 to Date**

Housebuilder/Developer 2015 to: 2017

Pipeline Construction Expert Witness 2015 to: 2016

Trans-Anatolian Gas Pipeline & facilities: TANAP 2014 to: 2015

Pan-European Gas Pipeline & facilities: **NABUCCO** 2013 to: 2013

[CSG to LNG](http://www.aplng.com.au/pdf/factsheets/Constructing_the_pipeline.pdf) Gas Pipelines & facilities: Origin Energy / APLNG 2010 to: 2012

[Papua New Guinea](http://www.pnglng.com/project/artists.htm) Gas Pipeline & facilities: EOS / ExxonMobil 2008 to: 2009

[Sakhalin II](http://www.sakhalinenergy.ru/en/ataglance.asp?p=aag_main&s=1), Phase 2 Oil & Gas Pipelines & facilities: Saipem / Sakhalin Energy 2002 to: 2007

**Core Competencies**

**Pipeline Construction Expertise:**

 **Substantiating Evidence**

*As an* ***established specialist in******Civil Engineering and Piping****, engaged by Norton Rose Fulbright (Melbourne, Australia), March 2015 to March 2016 to* ***provide expert witness reports for the QCLNG vs. MCJV AUD$800M Arbitration Case.***

**Bids + Tenders:**

*Contributed* ***to successful bid for US$ Multi-Billion Sakhalin II Phase 2 onshore pipeline project*** *by leveraging comprehensive technical expertise to prepare tenders/specifications with Shell in Rijswijk.*

**Contract Negotiation:**

***Negotiated collaboration agreement with QCLNG for $150M construction pre-investment*** *6km marine Narrows Crossing, managing technical interface and protecting APLNG commercial interests.*

**Contract Management:**

 ***Administered bespoke, ICE, NEC and FIDIC construction form of contracts*** *for civil and mechanical engineering contracts (US$10-100M+) for Transco, Saudi Aramco, Technip Coflexip Stena Offshore etc*.

**Stakeholder Management:**

***Expedited effective project delivery*** *at Sakhalin 2 by* ***sensitively raising areas of concern*** *at high level management meetings and* ***enabling the positive discussion of an effective forward strategy.***

**Relationship Management:**

*As SEIC (Sakhalin Energy Investment Co) Company Representative received a C****ommunity Social Improvement,*** *having positively conveyed complex/contentious plans in meetings with Island’s Mayor and local dignitaries.*

**Project Rescue:**

*Proactively* ***recruited by Alarko specifically to revitalise a troubled project****, leveraging technical expertise and occupational experience to devise effective strategies to drive the delayed project forward.*

**Project Planning:**

***Developed detailed scopes of work******to ensure clarity of vision*** *for* [*Papua New Guinea*](http://www.pnglng.com/project/artists.htm) *Gas pipeline (EOS/ExxonMobil) by managing subcontract field investigations and in-country information-gathering.*

**Construction Management:**

 *Provided optimum level of execution planning by* ***applying innovative thinking on installation methodologies*** *for* [*Papua New Guinea*](http://www.pnglng.com/project/artists.htm) *Gas pipeline and facilities, acting as technical focal point during construction + inspection.*

**Health & Safety:**

***Delivered significant improvements to onsite H&S, Environmental and Quality standards*** *by proactively supporting the SEIC EPC contractor to systematically identify, assess and address hazards.*

**Work Experience**

**Senior Construction Management Consultant: Pipelines 2012** to: **Present**

**Pipeline Construction Management (PCM) Ltd,** Lincoln, United Kingdom

*Currently leveraging 30 years of project and construction management experience to provide clients with strategic, unbiased and objective advisory services for the planning and execution of onshore pipeline projects, including:*

* Performing 'Cold Eyes Review' of design for Constructability;
* Ensuring technical accuracy in procurement, fabrication and installation documentation;
* Ensuring compliance with contract and applicable legal/regulatory requirements;
* Providing specialist technical support for welding and construction methodologies;
* Developing, leading, and managing project teams;
* Formulating recovery strategies for rescuing projects in crisis;
* Claims management and Pipeline Construction Expert Witness for Arbitration cases.

**Key Assignments:**

**Worley Parsons EPCM for TANAP Gas Pipeline,** Ankara, Turkey Value: **€12B**

*56”/48” x 1,840km cross-country gas pipeline from Turkish/Georgian border to Turkey/Greece border crossing Marmara Sea and including Telecoms/Scada, Compressor, Metering, Scraper and Block Valve Stations:*

* Held responsibility and accountability for the delivery of the total construction scope, managing constructability during Detail Design Phase and Early Works;
* Managed EPC Contractors building 6 x 850-man Construction Camps and Pipe Storage Stockyards;
* Participated in bid reviews and selection of Construction Contractors for 5” pipeline phase;
* Built experienced Management Teams to administer 3 major pipeline contracts and monitor compliance, HSSE, Quality, Cost and Schedule objectives.

**NABUCCO Gas Pipeline International GmbH], Vienna, Austria** Value: **€3.78B**

*48” x 1,329km cross-border gas pipeline through Turkey, Bulgaria, Romania, Hungary, Austria:*

* Conducted a Constructability Review of FEED and Re-FEED to test suitability of selected pipeline route, engineering, and decisions related to design basis and project cost.

**Senior Construction Manager: Pipelines 2010** to: **2012**

**Origin Energy / Australia Pacific LNG,** Brisbane, Australia

*Front End Engineering + Design and Execution responsibility for $3B, 530km, large diameter transmission pipelines to transport Coal Seam Gas to LNG processing facility on Curtis Island, and 150km of smaller diameter pipelines, involving:*

* Directed all aspects of the main pipeline EPC contract including the 36” x 57km Condabri Lateral, 42” x 360km transmission pipeline and the 30” x 87 km Woleebee Lateral and their associated facilities;
* Defined project goals and developed construction methodologies, planning and supervising all technical, financial and administrative functions and the management of EPC contractors;
* Developed and administered construction budgets, schedules and plans, and created remedial action plans in areas of potential cost overruns, delays or significant scope of work changes;
* Built a high performance construction team of 50 personnel and coordinated all site management-related communications between Pipelines project, APLNG, Origin, suppliers, vendors and subcontractors.

**Key Contributions:**

* *Key member and decision-maker of the pipeline group’s Strategic Management Team and played a significant role on Steering, Risk Management and Management of Change Committees;*
* ***Developed, motivated, and supervised Owner construction management team*** *to monitor EPC contractor compliance to agreed project Health & Safety, Environmental, Quality, Schedule and Cost objectives.*

**Construction Execution Planning Manager: FEED 2008** to: **2009**

**Eos Brisbane, (Joint Venture: WorleyParson/KBR),** Australia

*Front End Engineering + Design responsibility for ExxonMobil Papua New Guinea $3.5B, 38” 292km onshore / 24” 407km offshore gas pipeline project connecting Hides Gas Conditioning Plant to the new LNG facility near Port Moresby, involving:*

* Providing optimum level of execution planning for onshore Omati Swamp and landfall pipelines, and Offshore Omati River shallow water lay and Caution Bay deep water lay pipelines, to support the FID;
* Building and leading a team of cross-functional team of 15 personnel to deliver a programme of Front End Execution Planning (FEEP) studies, Construction Execution plans and Project Schedule;
* Conducting field geotechnical investigations, pipeline route selection, and assessments of existing infrastructure: roads, bridges and airfields, developing reports to support findings by third parties;
* Devising construction methodologies for the HGCP, onshore and offshore pipelines, roads and bridges, and delivered all studies and reports to meet stage-gate processes, and within cost and quality parameters;
* Fully resourcing each construction activity and supporting operations with comprehensive logistics plans for materials, equipment, camps, and personnel.

**CSR/Construction Manager: World’s largest Oil + Gas project 2005** to: **2007**

**Sakhalin Energy Investment Co. (SEIC),** Sakhalin Island, Russia

***Promoted*** *from supervising multi-functional, client-side team of 18 site-based personnel, to absorb escalating responsibility for* ***management of all construction aspects and personnel*** *when contract changed to Cost Reimbursable, involving:*

* Leading EIC/Starstroi integrated management team of 60, and overseeing Russian subcontractor and 600 personnel to complete 48” x 200 km gas pipeline and 24” diameter x 200 km oil pipeline;
* Supervising and controlling the execution of all technical and fiscal administrative functions to ensure compliance with contractual obligations, specifications, drawings, and approved construction procedures.

**Key Contributions:**

* *Led* ***successful coordination of a winter river crossing programme*** *as well as an environmental protection programme* ***gaining unanimous approval from Non-Government Organisations (NGOs) and project lenders;***
* ***Developed positive relationships with Russian subcontractors and workforce****, gaining respect for engaged interaction, and ability and aspiration to impart construction experience.*

**Postgraduate Student: MSc Construction Project Management 2004** to: **2005 [**Full time]

**University of Lincoln: Dissertation** “Communication Barriers in a Multicultural Pipeline Construction Project”

**Deputy Project Manager: Onshore Pipeline 2004** Contract

**Alarko,** Erzurum, Turkey [$116M construct-only contract for 460km 42” pipeline for BOTAŞ (turnkey contractor for BP)

***Appointed specifically to revitalise the delayed and financially-depleted joint-venture project*** *(Streicher, Haustadt & Timmerman, Gunsayi, and Alarko), significantly behind schedule after 18 months with a virtually exhausted budget, by:*

* Conducting an objective review of current project status, performing a gap analysis, developing new strategies to ensure project completion, and devising a realistic and achievable schedule, resource plan and cost estimate.

**Construction Manager (EPCM): Onshore Pipelines project 2002** to: **2004**

**Bouygues Offshore/Saipem S.p.A,** Paris, France / Moscow + Sakhalin Island, Russia

*Applied previous experience as a* ***Project/Construction Manager*** *with* ***McConnell Dowell*** *in Australia and numerous* ***British Gas*** *projects in UK, to take EPCM responsibility for a $2.7B, 1500km, large diameter Oil + Gas onshore pipeline project for SEIC, overseeing major subcontractors for the delivery of the entire pipeline scope, involving:*

* Leading the well-coordinated pre-construction phase and construction start-up, executed with: 7 Russian contractors; 4 main + 3 sub spreads; 10 camps; up to 5,000 workers;
* Authoring the construction components of the technical submission and numerous construction project procedures and method statements;
* Managing the construction of all facilities including gas distribution terminal, Pigtrap Stations, and mainline block valves, as well as all welding related activities;
* Reviewing Russian subcontractors’ construction equipment and made recommendations on the types and amount of equipment required to more effectively meet the proposed construction schedule.

**Key Contributions:**

* ***Played key role in the bid preparations*** *for the BTC and SCP pipelines in Azerbaijan, and* ***attended the tender clarification meetings*** *with BP in London;*
* ***Developed and secured approval*** *for all Weld Procedure proposal documentation and managed the Welder Qualification programme.*

**Qualifications, Training and Certifications**

**Project Management**

MSc Construction Project Management [Distinction]: University of Lincoln

Certified Project Management Professional (PMP)

Prince 2 Registered Practitioner

**Construction Management**

**NVQ Level 6 (Bachelor’s equivalent) CSCS Manager Black Card:**

* Construction Site Management (Health, Safety & Environment)

**Health & Safety**

NEBOSH International Certificate in Oil & Gas Operational Safety

Rostechnadzor (RTN) Certificates in Labour Safety + Industrial Safety

‘Supervising Safety’, Unsafe Act workshop P283: Sakhalin Energy

**Full CPD record with copies of qualifications available on request along with professional references.**

**Contract Management**

Administration of Construction Contracts

Understanding Contract Law

**Practical Trade**

TWI Registered CSWIP Welding Inspector

EWF European Welding Inspector

Russian NACWP Welding Specialist

**Continuing Professional Development**

Regularly attend TWI, AACEI, PMI, AMPG-International, and CMI seminars.*ai*