CONSTRUCTION & MODIFICATIONS

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Stork, a Fluor company, provides both small and medium-sized greenfield installations as well as brownfield plant constructions and modifications. Our integrated engineering and construction capabilities can efficiently upgrade production installations, expand client facilities and/or keep assets compliant to the latest requirements, both as main or as subcontractor.

Construction on-site by our skilled welders and technicians is supported by experienced project managers. Stork has the resources to manage your projects safely, efficiently and within schedule.

Stork also offers a wide range of construction support services as part of both onshore and offshore maintenance and repair programs. Utilizing multi-disciplined crews to provide for an efficient service, these services can also be supported through the use of rope access teams.

By setting new standards in construction and modifications, we aim to be the industry reference.

Every day, everywhere.
Experience
Decades of experience of working in live plants and brownfield environments lead to in-depth understanding of clients' operations and business needs.

Best practice
Developed best practice in construction and modification project management to keep planned downtime to a minimum and as short as possible.

Bespoke solutions
Track record of designing and constructing new installations and modifications to the client's specific requirements and expectations.

Managing risk
Extensive experience of managing risk appropriately and delivering excellent HSE performance in constantly changing environments.

Cost-effective
Construction and modification insights help to minimize investment and operational costs, while robust work preparation provides the flexibility to adapt to changes efficiently and seamlessly.

One contact
One single point of contact significantly reduces client/supplier interfaces.

Efficient approach
Stork’s PRINCE system offers integrated workflow and business process management for controlled and efficient execution of multidisciplinary projects and modifications.

Stork offers full execution and management of construction projects, including engineering, procurement, work preparation, and mechanical and electrical installation works. We have proven project management procedures in place to manage mechanical construction projects of all types, sizes and degrees of complexity.

We offer:
- Mechanical, piping, electrical & instrumentation construction services.
- Plant engineering services.
- Construction support services.
- Project management services.
- Management and coordination of civil works and other subcontractors.
- Risk analysis, procurement, work preparation and project execution planning.
- Skilled technicians and supervision supported by experienced project management.
- Safe and predictable project execution.
- Quality management and quality assurance documentation.
- Prefabrication and revisions take place in our own facilities.

Complete project execution, from prefabrication to installation, can be integrated in Stork's PRINCE system, which offers integrated workflow and business process management for controlled execution of multidisciplinary projects and modifications. PRINCE includes the work preparation and traceable administration of:
- Piping (prefab & field)
- Mechanical
- Non-Destructive Examinations (NDE)
- Post-Weld Heat Treatment (PWHT)
- Electrical & instrumentation
- Steel structures
- Painting, insulation, scaffolding

If needed, Stork's construction competences are combined with specialist services:
- Machining & bolting
- Valve services
- Pump services
- Heat treatment services

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Safety is not a priority at Stork, it’s our first core value. Whatever priorities we have each day, taking care of each other’s safety, health and protecting the environment is central to how we do things.

REACH Beyond Zero is our global HSE platform to help us turn our core value into a day-to-day reality. It is our aspirational vision for HSE. ‘Zero’ because we believe that incidents are not inevitable, they are preventable. By working together, we can create a future at Stork that is free of incidents. ‘REACH Beyond’ because we are always pushing ourselves to go further, to continuously improve our HSE performance. Through REACH Beyond Zero, we all benefit. There are six building blocks that help us REACH Beyond Zero.

People create safety
Recognizing that it is our behaviors and attitudes that make the difference. At Stork, we have well developed behavioral safety programs, leadership training, recognition and awards to ensure we are all skilled and motivated to be safe.

Global standards, local ownership
Setting out our expectations for HSE across the Stork business, with global consistency where it makes sense, whilst making the most of the expertise and diversity of our local teams. Global standards include our minimum safety expectations for all tasks that are described in our 10 Life-saving rules.

HSE intelligence
Using the experience and knowledge of 18,000 employees worldwide to help direct our HSE activities. This includes looking out for new risks in the work environment. Reporting hazards, near misses and events and analyzing these events for trends. We use leading indicators to measure the effectiveness of our risk prevention measures.

Adding client HSE value
As a global leader in operations & maintenance, we bring a wealth of expertise in HSE to our clients. At every client location, it is our aim to exceed our clients HSE expectations and be an active partner in improving our clients HSE performance.

Strong HSE function
Stork has a global network of HSE professionals who support our operations teams in delivering safe operations. This global function ensures that we always have the capability to succeed in HSE.

Learning and innovating
Central to our REACH Beyond Zero vision are the opportunities to apply learning from our own incidents and those that occur within wider industries. At Stork, we are continuously scanning the market for innovations that may help us reduce our HSE risks.

At Stork, we aim to be the industry reference for HSE. Every day, everywhere.

For more information visit our website:
www.stork.com/reachbeyondzero

Stork’s construction and modification skills are displayed worldwide for a wide range of clients in a great variety of industries:

- NAM USG Norg (Netherlands)
- GLT-PLUS Grijpskerken (Netherlands)
- HPPD Skid Vopak (Netherlands)
- Huisman (USA)
- SunCoke Energy (USA)
- Boehringer Ingelheim (Germany)
- Vitens (Netherlands)
- Ecopetrol (Colombia)
- Reficar (Colombia)
- AkzoNobel (Netherlands)
- CB&I (Colombia)
- Atlantic LNG (Trinidad and Tobago)
- Altera (Netherlands)

The project was completed within schedule, despite many challenges and without any safety incident. The Stork team demonstrated a high level of professionalism during the activity.

Keshva Lalla
Team Lead O&M Engineer, Atlantic LNG

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