

REAY GROUP PIPE & CIVIL

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OVERVIEW:

Reay Group Pipe & Civil (RSG) is a leading turnkey supplier in the pipeline, mining and civil industries. Established in 2004, RSG operates from Mackay, Queensland with branch offices in Moranbah in Queensland and Darwin in the Northern Territory.

KEY ATTRIBUTES:

- Pipeline and Civil construction, including installation of HDPE, GRP, DICL and concrete pipes
- Mining Services and Surface infrastructure including trenching and cable & conduit laying for the mining, Civil and Renewable sectors
- Mine site compliant civil earthmoving equipment at competitive rates
- Experienced and mine site complaint workforce and systems
- A commitment to the indigenous community
- RSG have the capacity to operate Australia Wide
- Over 400 Kilometres of pipe works in the past 10 years

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PIPELINE CONSTRUCTION, CIVIL CONSTRUCTION AND MINING SERVICES

RSG is a specialist pipeline and civil construction company providing coal seam gas extraction and dewatering services for the mining, gas and mineral processing industries. RSG provide innovative pipeline and civil construction solutions that are delivered in a safe, cost-effective and well-managed manner.

Boasting state-of-the-art machinery, their services include:

- Civil Construction
- Mine Services
- Gas and water drainage reticulation systems combining pipeline supply, construction and installation of:
 - HDPE pipeline
 - DICL pipeline
- GRP Pipeline
- Concrete pipeline
- Fibreglass reinforced pipe
- Steel pipeline
- Establishing easements and right of ways
- Labour, plant and machinery hire
- Cable and conduit laying

RSG is also contracted across Australia for the 'turnkey' construction of coal seam gas drainage installations and maintenance, extraction, and reticulation infrastructure. These include pit de-watering and slurry transfer systems for mining operations; further the establishment of easements and provision of sealed and un-sealed road construction projects.

The Reay Services Group experienced team have long term contracts for managing construction, maintenance and integrity of the mechanical and civil assets.

TRENCHING AND SURFACE INFRASTRUCTURE

Reay Group Pipe & Civil provides a range of track trenching machines within the Australasia region and Queensland.

RSG's range of trenching machines has the capacity to cut from 200mm – 1800mm wide and a range of depths to 6500mm in a single pass. RSG fleet includes terrain levellers delivering increased production rates removing the need for drilling or blasting. These machines are also utilised for pipeline, rail, road, and other infrastructure projects in Australia.

All machines are mine site compliant, quality assured and maintained in accordance to the mining industry standards of Australia.

They offer competitive alternatives to traditional excavation methods for the following project types:

- Oil and gas field pipelines
- Water and Sewer trenches
- Dry utility trenches, electrical or telecommunication lines
- Infrastructure foundations
- Hard rock surface mining
- Coal seam and partings mining
- Site preparation and levelling
- Trenching and cable and conduit laying for the renewable sectors



REAY GROUP PIPE & CIVIL
 Pipelines | Mining Services | Civil Construction
 Trenching | Plant Hire

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INDIGENOUS COMMITMENT

It is RSG's desire to understand and value Aboriginal and Torres Strait Islander cultures along with respecting the different values and beliefs.

As a family based business Reay Group Pipe & Civil works together with Aboriginal and Torres Strait Islander people providing a partnering relationship which benefits both Reay Services Group and the Aboriginal and Torres Strait Islander people in the community.

As part of this process RSG:

- Engages and consults with members of local Indigenous communities and organisations,
- Supports the development and growth of Indigenous small business,
- Positively promotes the employment of Indigenous people seeking work,
- Promotes training and development programs for Indigenous people seeking work,
- Development of systems and procedures to support indigenous relations, and actively promotes cross cultural awareness within the business.

RSG is a growing company which places emphasis on the individual skills and requirements of its employees.

They believe that all companies have a responsibility in ensuring that Aboriginal and Torres Strait Islander people are provided opportunities for them to access a wide range of training and development.

CERTIFICATIONS

- ISO 9001: 2015 Australian Standard for Quality Management Systems
- ISO 14001:2015 Australian Standard for Environmental Management Systems
- AS/NZS 4801:2001 Australian Standard for Health & Safety Management Systems
- Achilles FPS Member
- Members of Masters Plumbers Association QLD
- Members of Queensland Building and Construction Commission
- Members of Australian Pipeline & Gas Association
- C-Res Local buying program member

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EQUIPMENT & CAPACITY

Excavators

10T-50T with pipeline trenching, detailed excavations for infrastructure, haul road bund construction, rock installation, bulk earthworks, dam sediment removal, tree processing and rehabilitation, and material shearing capabilities.

Graders

12H, 140H/M, 16M

Final trim to main road specifications, UTS/GPS equipped, haul road maintenance, exploration/production drill pad preparation/rehabilitation, final trim batter works.

Dozers

D6-D11

Tree clearing & grubbing, spoil rehabilitation works, haul road maintenance & construction, dozer push, tip head management, dragline walkroads, blade ploughing.

Scrapers

623-627

Top soil strip, overburden removal, dam construction raising, dam sediment removal, bulk earthworks, haul road construction & maintenance, final trim to main road specifications, GPS equipped.

Loaders

IT Carriers, Wheel Loader, Backhoe

Pipe & utilities handling, bulk machine load out, material shifting & placement, quarry works such as crushing & screening operations.

Trucks

Articulated, Rear Dump, Side Tipper, Water Truck & Service Truck

Bulk load-out, dam sediment removal, import material placement, dust suppression, mobile workshop & servicing.

Compaction

Smooth & pad-foot drum roller, 815/825 compactors

Surface finishing for road works, material installation & compaction, GPS equipped. Ancillary

Trenching Fleet

Vermeer T955 Trencher

Engine – 415hp / 310kw
Dirt & rock for utility installation/pipeline, 20,000psi / 138MPa

Vermeer T1055 Trencher

Engine – 415hp / 310kw
Dirt & rock for utility installation/pipeline, 20,000psi / 138MPa

Vermeer T1255

Engine- 600hp / 447.4kw
Rock for pipeline, 25,000psi / 172Mpa

Vermeer T1255

Engine – 600hp / 447.4kw
Rock for mining, surface preparation and road building, 25,000psi / 172MPa

Ancillary

- Lighting plants
- Pipe trailer
- Grout
- Pump Trailer
- Fuel Trailers
- High pressure cleaner
- Tractor & Slasher
- Hydro excavation System
- Light Vehicles
- Support Vehicles
- Positrack & bob Cats
- Generators
- Dewatering Pumps
- Crib rooms & amenities
- Containers & storage
- Relocatable workshops
- Rock Hammers
- Piling attachments
- Non-slew cranes

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PROJECTS

GAS NETWORK MAINTENANCE AND DRAINAGE, PIPELINE NETWORK CONSTRUCTION AND MAINTENANCE, AND SURFACE INFRASTRUCTURE

Sector: CSG Gas Fields, Mining Infrastructure and Civil works

Summary: Reay Group Pipe and Civil has been engaged to undertake various pipe works, infrastructure and maintenance services on various client sites on a preferred supplier arrangement.

The completed works included:

- Install high point vents and scour valves
- Retrofit/ Replace scour ball valves
- GRV Riser Repairs
- Hire of Geo Radar and Ground investigations
- HDPE pipe welding at Moranbah Gas Processing facility.
- Install and maintain gas reticulation network including main trunk line and gathering lines for UIS, SIS, and Goaf wells.
- Progression of gas network for degassing in front of underground activities.
- Upgrade and install network infrastructure to Australian Gas Standards (AGA), Australian Pipeline Industry (APIA) and Gas and Petroleum Act standards.
- Install flare-stack infrastructure, ancillary equipment and floxal lines.
- Install Gas Compressor Station and Liquid Ring pumps.
- DICL and PE water network including pump and discharge structures
- Site Water diversion
- Installation of large diameter corrugated steel pipe diversion crossings
- Sewerage treatment plant civil & mechanical
- Effluent dam construction
- Carparks, fencing and hardstands
- Decant structures
- Power and communication trenching
- Concrete works
- Access road reconstruction
- Asset Management and surface infrastructure

The completed works to date were delivered with zero harm, within target completion dates and with mutually beneficial delivery methods. These works are poised to deliver further project opportunities from ongoing successful relationships.

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PROJECTS

LANDFILL GAS INFRASTRUCTURE, PIPEWORK INTERCONNECTION, AND WATER MAIN UPGRADES

Sector: Landfill Gas, Pipelines, Local Government, Water Infrastructure

RSG has been engaged to undertake various extensions to the clients existing landfill gas networks and township water mains.

The completed works included:

- 8 new vertical wells
- 2 new lateral wells
- 2 manifold stations
- J trap Installations
- 300 meter extension of existing main
- Installation of 800 meters of minor flows
- Pipe offtake assembly
- Manifold and pipework welding
- Flow meter installation
- Pipeline supply, Installation and commissioning

TRENCHING AND EARTHWORKS

RSG are specialists in the construction division focused on providing large tracked trenchers for excavation of services infrastructure and cable and conduit laying for the renewable sectors.

RSG have undertaken trenching works for some of the largest infrastructure clients and companies in Australia on many wide and varying infrastructure projects including:

- APLNG Upstream Phase 1
- QCLNG Main Works Gathering
- Comet Ridge to Wallumbilla Loop Pipeline
- Eungella Pipeline Relocation Project
- Bechtel Caval Ridge Pipelines
- Collinsville Solar Farm
- Emerald Solar Farm

REAY GROUP PIPE & CIVILS MAJOR CLIENTS:

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| • Anglo American | • Murphy Pipe & Civil |
| • BHP Billiton Mitsubishi Alliance | • Leighton Contractors (now CIMIC) |
| • Santos | • Goldings |
| • Rio Tinto | • Nilsen |
| • Arrow Energy | • Lendlease |
| • Moreton Bay Regional Council | • SunWater |
| • Mackay Regional Council | • Whitten Group |
| • Central Highlands Regional Council | • WDS Limited |
| • Townsville Regional Council | |