

DCSurveys offers a precise, efficient, cost effective means to measure piping, whether on site or in the workshop

Who are we?

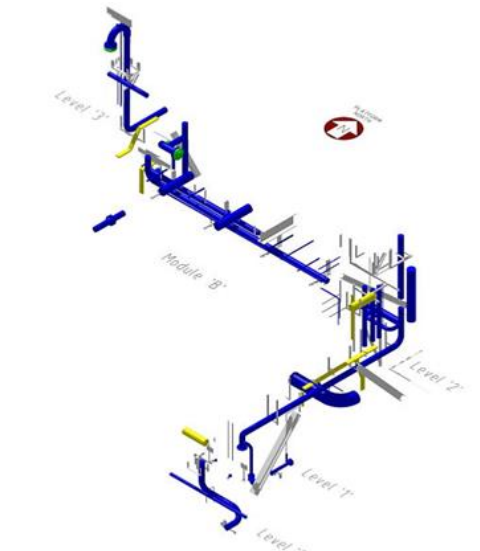
A new company created after the closing down of the Dimensional Control service line in Fugro Australia. Owned and operated by Ritchie Mulholland, Eric Kloosterman and Robert McGlade, the team including fellow ex Fugro surveyors and others have decades of combined experience in the field of Land Surveying, Dimensional Control, Laser Scanning, Metrology and Monitoring surveys both locally and Overseas.

Experience

With the latest in instrumentation, mathematical analysis software and experience in both the onshore and offshore environments, we are geared to provide a quick solution to your piping needs.

Accuracy

Maximum accuracy is achieved by combining our skilled operators with the most precise equipment available. This equipment gives us the ability to consistently and reliably measure any point in 3 dimensions, to an accuracy of 1mm.



**Ensuring it fits first time
Can you afford not too?**

DCSurveys gives you that confidence

Benefits

- ensure dimensional compliance to fabrication specification tolerance
- fit first time, rapid installation and reduced shut down times
- safety improvement
- reduce wear & tear stress on piping with stress-free fit-ups
- accurate estimation for materials procurement
- reduced on site work scope & labor requirements
















Features

- digital data collection, storage & processing from start to finish
- highly portable measuring instruments
- access to congested /awkward locations
- no requirement for spools to be setup
- Onsite processing
- ability to measure on vibrating & / or floating structures
- high accuracy
- customised reporting styles
- speed of turn around

Services offered

- pipe routing surveys & clash detection
- pipe spool surveys
- flange inclinations & bolt hole rotations
- interface analysis for fabricated piping to offshore tie-ins
- vessel surveys
- piping isometrics (dimensional information only)
- lump sum pricing (spool fabrication surveys)
- Onsite processing



Client		Job Desc.		Field Book		Report by DCSurveys			
Job No.	Location	Date	Surveyed by	Data File	Checked	DCS			
Report	Datum's		Horizontal		Vertical				
									
FLANGE ID	COORDINATES			FLANGE INCLINATION 1		FLANGE INCLINATION 2		HOLE ROTATION	DESCRIPTION
8	E	N	Z	VIEW DIRECTION	AMOUNT	VIEW DIRECTION	AMOUNT	VIEW AMOUNT	
	130064	151475	27360		11 / 1000		14 / 1000	23.3	Flange of Process Face No. 8
Design	130065	151474	27360		0 / 1000		0 / 1000	22.5	Flange of Process Face No. 8
Difference	-1	1	0		11 / 1000		14 / 1000	0.8	Spool ID: 800165JCK111.01
DN	50	Class # 1500	Look Down	0.6 Deg	Look West	0.6 Deg	Look Into Face		Flange Status: Welded Out
Actual Dimensions on Flange 8									
149	130121	154263	31147		5 / 1000		25 / 1000	46.7	Flange of Process Face No. 149
Design	130120	154263	31148		0 / 1000		0 / 1000	45.5	Flange of Process Face No. 149
Difference	-4	0	-1		5 / 1000		25 / 1000	1.7	Spool ID: 800165JCK111.01
DN	50	Class # 150	Look Down	0.3 Deg	Look West	1.4 Deg	Look Into Face		Flange Status: Welded Out
Actual Dimensions on Flange 149									
	102	Class # 150	Across Flange Face	1 mm	Across Flange Face	5 mm	Across Hole	2 mm	