INDUSTRIAL TWIN ROPE ACCESS TECHNIQUE

Vertical & Horizontal Work Positioning
Maintaining a minimum two points of contact while working and manoeuvring
IRATA – Industrial Rope Access Trade Association

Member companies operate in every continent – and have been active in Australia for over 20 years

Report an average of over 22 Million work hours performed on ropes annually

Provide a comprehensive graduated training program, including independent assessments of competency

Demand that all works are conducted in accordance with the IRATA ICOP
ELEMENTS OF PROJECT SUCCESS

Safety
Environmental Protection
Quality of works
Cost
18,000,000 work hours recorded in 2015 - 2016

8 Reportable incidents
ENVIRONMENTAL PROTECTION

Bridges typically span over catchments, waterways or other environmentally sensitive areas.
7,230 Megalitre dam

Abrasive Blasting of steel spillway gates

Repair of corrosion-damaged steelwork

Application of 2 pack epoxy coating system
Full environmental encapsulation system designed using lightweight tensioned rigging.

Water flow over the ogee crest inhibits scaffold installation.
Monarflex retractable screens

Heavy duty PVC base with filtered drainage ports
Localised structural section replacement

Cutting & Welding

Steel preparation & Coating application
Quality of Works

Specialist access methods can prohibit inspection by project consultants and clients.

Industry growth is leading to increasing numbers of trades-qualified technicians.

Consulting engineers can obtain IRATA Level 1 certification through a one-week course, and work under the supervision of a Level 3 technician.
Why?

DETERIORATION

SHOTCRETING AT HEIGHT

Works 140m above ground level

Repair of patches up to 100 sqm
THANK YOU

8th AUSTRALIAN SMALL BRIDGES CONFERENCE