CORPORATE CAPABILITY STATEMENT · 2026

YBG Group International Pty Ltd

Industrial Advanced Technology Partner for thermal power

Oxyhydrogen combustion enhancement (HydroHub™) and thermodynamic performance analysis (ControlAlign™) for utility-scale boilers. Engineering heritage since 1985.

ENTITY

Australian proprietary company
ABN 22 636 934 999
ACN 636 934 999

ROLE

Contracting entity for thermal power plant consortium work in India

CONTACT

info@ybggroup.com.au
+61 449 703 635
ybggroup.com.au

Prepared for due diligence purposes. Information current as of November 2026.

OVERVIEW

At a glance

YBG Group International Pty Ltd is an Australian industrial technology company providing oxyhydrogen combustion enhancement and thermodynamic performance analysis for utility-scale boilers. It is the contracting entity for the group's thermal power plant consortium work in India.

13%
average steam-to-fuel ratio improvement across ten biomass-fired plants in seven Indian states, measured by YBG with client teams

60%
NOx reduction measured at instrumented stacks

1985
engineering heritage: founder's engagement in oxyhydrogen technology

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How to read this document

Performance figures are reproduced in the exact wording published on the YBG Industrial evidence page, together with their limitations. Performance commitments are made per site, after assessment, on a steam-to-fuel-ratio basis. Full evidence: ybgindustrial.com/evidence

COMPANY AND ENGINEERING HERITAGE

Leadership and heritage



Dr Peter Griffiths

Founder, Chairman and Managing Director

Doctor of Divinity, with studies in physics and human studies.

Over four decades in oxyhydrogen technology, including personal work alongside inventor Yull Brown from 1985 to 1998.

A continuous technical lineage

The group's engineering history begins with its founder's engagement in oxyhydrogen technology in 1985. This founder-led heritage informs HydroHub™ combustion enhancement and ControlAlign™ thermodynamic performance analysis.

Engineering heritage since 1985 describes founder engagement, not the incorporation date of the Australian company.

Industrial focus

Technology engagements are assessed against plant conditions, an agreed engineering scope and a defined measurement and verification plan. Published field results and limits are available from the industrial evidence page.

Assess first

Every engagement starts from plant conditions and operating data, not a generic claim.

Agreed scope

Scope, integration requirements and the verification plan are defined per site.

Measured outcome

Performance is assessed against an agreed baseline using ControlAlign™.

INDUSTRIAL TECHNOLOGY

Platforms and staged engagement

H

HydroHub™ · Oxyhydrogen combustion enhancement

Oxyhydrogen combustion enhancement technology, with utility-scale boiler engagements subject to site-specific assessment, engineering design and verification.

C

ControlAlign™ · Thermodynamic performance analysis

Thermodynamic performance analysis to establish an operating baseline and support the measurement and verification of plant performance.

How we work

01

Assessment

Review plant conditions, operating data and the engineering baseline.

02

Design

Define a site-specific scope, integration requirements and verification plan.

03

Deployment

Coordinate equipment installation and integration with the plant team.

04

Commissioning

Check readiness and commission against the agreed engineering scope.

05

Measure and verify

Use ControlAlign™ to assess performance against the agreed baseline.

06

Long-term support

Provide ongoing engineering review and operational support.

Industrial channel: ybgindustrial.com — technical documentation, evidence and engagement information for HydroHub™ and ControlAlign™.

FIELD RESULT · EXACT PUBLISHED WORDING

Published evidence and limitations

A multinational beverage manufacturer's ten-plant fleet

13%

average steam-to-fuel ratio improvement across ten biomass-fired plants in seven Indian states, measured by YBG with client teams.

60%

NOx reduction was measured at instrumented stacks.

Published report reference

YBG's industrial oxyhydrogen work is referenced in a joint UIBC / Nangia Andersen report issued under NTPC's imprint. The report is available from ybgindustrial.com/evidence.

Coal-fired utility boiler · Engineering inference

Pre-installation (engineering workflow). No result is claimed.

No large-scale independent field study yet exists for electrolytic oxyhydrogen co-firing in commercial coal-fired boilers.

Evidence limits

- No vendor, YBG included, currently operates an integrated system above 100 TPH equivalent capacity.
- Performance commitments are made per site, after assessment, on a steam-to-fuel-ratio basis.

Full evidence: ybgindustrial.com/evidence

INDIA

YBG–Wevolve Consortium

YBG Group International Pty Ltd and Wevolve Projects Pvt Ltd (Pune) have formed the YBG–Wevolve Consortium for Advanced Technology and Infrastructure Projects, covering thermal power plant and infrastructure projects in India.

TECHNOLOGY PARTNER

YBG Group International Pty Ltd

HydroHub™ oxyhydrogen combustion enhancement and ControlAlign™ thermodynamic performance analysis; engineering design, commissioning support, measurement and verification.

EXECUTION PARTNER

Wevolve Projects Pvt Ltd

India-based project execution, based in Pune.

Engagement model

Scope	Thermal power plant and infrastructure projects in India
Contracting entity (YBG)	YBG Group International Pty Ltd, Australia
Engagement basis	Site-specific assessment, agreed engineering scope and a defined measurement and verification plan
Performance commitments	Made per site, after assessment, on a steam-to-fuel-ratio basis
Correspondence	Project requests, instructions and proposed scope or commercial arrangements involving YBG in writing to info@ybggroup.com.au

CORPORATE IDENTITY AND ENQUIRIES

Group structure and contact

YBG Group International Pty Ltd

Australia · Contracting entity for industrial consortium work · ybggroup.com.au

YBG Group International Limited

Hong Kong · Separate group entity · ybggroup.com

YBG Industrial
Industrial technology
ybgindustrial.com

YBG Global
Horticulture
ybgglobal.com

Hydrogen Machines
Wellness
hydrogenmachines.com.au

Yull Brown's Gas
OEM supply
yullbrownsgas.com

Corporate details

Legal name	YBG Group International Pty Ltd
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ACN	636 934 999
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Talk to us about your plant

For technical, commercial and due diligence enquiries.

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