Group Profile
Industrial is one of Australia’s foremost demolition contractors. The company has established an Australia-wide reputation for delivering high standards of service through the broad range of demolition projects it has successfully completed. Industrial has broadened its expertise and range of skills over the past 30 years, to become what it is today- a multi-disciplinary organization, expert in demolition, dismantling and recycling.

Industrial has the skills to quickly identify the critical/key elements within a project scope - particularly within challenging work environments.

The Industrial project team has both the experience and expertise to develop project specific solutions for the most complex of demolition and environmental challenges.
Occupational Health and Safety has always been a core value and is given the highest priority in any activity, from the initial planning through to the execution phases.

It is simply unacceptable for any person to be injured as a result of our activities.

The fundamental principle of the Company’s OH&S system is that no person will ever be placed in a situation in which hazards have not been adequately identified and appropriate controls put in place.

The Company has also been instrumental in helping to determine Best Practice safety standards within the industry, through its involvement with the demolition industry and regulatory bodies.

The dynamic nature of demolition and environmental projects demand a detailed and systemic approach to the identification and control of hazards. In a typical demolition project, most of the major hazards are present at the outset of the project, including critical elements such as energy sources, hazardous materials and environments, heights and production restraints.

Demolition, by its very position in the normal life cycle of a process, includes hazards, which were never envisaged during the construction phase. As an example, these include the affects of corrosion, structural degradation caused by the inherent process or hazards associated with the specific process such as chemical, heat, by-products and waste.

These factors make it imperative that the systems of safe work used during demolition and environmental projects be purpose developed for such activities and not just a generic desk top system.

Through its involvement with organizations like the Master Builders Association (MBAV) and the Demolition Contractors Association of Victoria (DCAV), the Industrial Group helped establish many of the safety standards that are every-day requirements in the industry today.

Industrial's OHS Management System is currently being developed and implemented to establish and document the framework of legal requirements, company policies, standards guidelines and management practices to establish a consistent approach and continuous improvement process in health and safety performance. The structure of the system will be consistent with the requirements of AS/NZS 4801:2001 and will permit Industrial Demolition the opportunity to gain system accreditation to the standard. By using a common and systematic approach, Industrial is setting a foundation on which to build an enduring and proactive safety culture for the Company and all of its employees, contractors and stakeholders. It is anticipated that through the implementation of the system, all persons who work for Industrial will have access to common and consistent OHS information no matter which site they are operating on.

This common systems approach includes an OHS Policy, standards, procedures, protocols and forms that together provide a consistent method of measurement. To successfully achieve the health and safety objectives, Industrial will effectively implement the OHS system to ensure that safe systems of work are provided and maintained in the workplace.

Commitment to OH&S

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Commitment to Environmental Management

The Industrial Group recognises that a healthy natural and built environment is essential for sustainable development and for the health of our personnel and the end users of the sites on which we operate.

We are committed to the protection and enhancement of the environment when carrying out our services and when we leave a site. We set out with every project to minimise any environmental effect and task each of our project teams to address every concern prior to the commencement of works. If there is potential for any environmental risk, the problem is addressed and resolved before works proceed.

We accept and comply with all relevant environmental legislation and industry guidelines. If we can develop a way to do a task with an enhanced regard for environmental standards and outcomes, we adopt it.

As a company, we often form part of a larger team. We seek every opportunity to promote environmental care through our influence and dealings with others.

As a long-term recycler, The Industrial Group is committed to the internationally recognised waste management practice of source reduction, reuse, recycling, resource recovery and environmentally safe residue disposal. The Company is committed to continual improvement of its environmental performance through implementation, monitoring and review of its policies, programmes and services.

The Industrial Group deals with environmental issues on a daily basis. Many of these issues are inherent in the projects we undertake and must be dealt with individually. Every project we undertake is underpinned by the principle that the protection of the environment ranks equally with every other business activity. With regard to our own tasks, we believe that prevention is better than cure - it is always preferable to prevent an environmental problem emerging than trying to rectify it afterwards.

The Company also embraces resource efficiencies to ensure that our work is conducted in ways, which results in the most efficient use of natural resources.
Industrial has been a pioneer in much of the advancement made by the demolition industry in Australia over the past 30 years.

Industrial has several points of difference when it comes to demolition projects – the most important being its experience in working within operating facilities such as oil refineries, chemical and manufacturing plants. Activities within these environments demand an almost surgical approach to the tasks of demolition and dismantling.

The safe systems of work developed by Industrial, provide a systematic, detailed and controlled approach for every activity.

Industrial has considerable expertise in managing the dismantling and ‘clean up’ of fire damaged structures and facilities and provides a specialist service in this area for the MFB, insurance companies, loss adjustors and specialist fire builders.

Demolition Services

- The Company’s expertise gives our clients confidence that projects will be delivered successfully, safely and within time and budgetary constraints, giving the best value for money.

- Industrial has built a team of professionals who can deliver project excellence in an increasingly demanding and exacting marketplace.

- The Company invests in new technologies and equipment that will enhance both the speed and safety aspects of its demolition and environmental projects.

- Industrial embraces an innovative and progressive approach to environmental and sustainability goals. Typically today, more than 90% of every demolition project the Company undertakes, is recycled or reused. Many projects achieve 100%. The Company is focused on the need to make advancements in the areas of carbon emissions, water usage and fuel and electricity consumption.

The goal for every project that Industrial undertakes is to develop and maintain a reputation as a professional, safe and innovative contractor.
Industrial Demolition

- Industrial's project management team has been involved in many of Australia’s largest and most complex demolition projects. The company has developed systems of safe work, which can integrate into existing safety management systems, allowing the high risk activities associated with demolition to be completed in a safe and controlled manner.

- Industrial has developed and maintains a strong focus in industrial type demolition projects and has invested heavily in both the equipment and human resources to be able to deliver these types of projects to the highest expectations of clients.

- Much of the experience within the Industrial project management team has been gained working with the operators of Australia's largest major hazard facilities (MHF), including Shell, Huntsman, ESSO, DOW, Qenos, BP and Mobil.

- Industrial works with a wide range of clients including major corporations, government bodies, developers and private businesses.
IDS are highly experienced in decommissioning and asset recovery from redundant and operating facilities.

These projects generally fall into three categories –

- The dismantling and removal of redundant production machinery and facilities for resale or recycling within a live or non-operational environment
- The removal of part of a manufacturing line or processing plant within a live manufacturing complex
- The planned total asset recovery and demolition of a redundant manufacturing complex. This often includes required environmental remediation works and may involve hazardous materials.

This type of work requires detailed planning to identify and control the multiple conflicts which can arise between the various stakeholders with these types of projects. Industrial is able to formulate a work method proposal which meets with the client’s desired outcomes.

These types of projects always have various constraints, which must be managed carefully, including: working within a live environment, undertaking the works without any detriment to staff and the remaining manufacturing processes, dismantling methods that preserve the remaining structures and equipment and the necessary care with items that are identified for potential resale. The Group is extremely skilled in operating within restricted access areas and has a range of equipment that allows for the safe and effective dismantling of redundant plant and equipment in close proximity to operating plant.

Industrial Demolition Services has completed a broad range of projects in this field, including several major strip-outs of large manufacturing and engineering complexes where machinery was either preserved for re-sale or dismantled for recycling. This requires specialist skills – both in the dismantling procedure and the critical lifts that are often required. IDS has recently completed projects of this nature for CSR, GMH, Hunstman Chemical Company of Australia, SCA, Caltex and Sibelco.
General Demolition

- Industrial Demolition has always had a defined focus on Industrial type projects, but the company also completes many general demolition projects each year. These include both commercial and residential structures and extend to bridge & wharf demolition and dismantling.
Dismantling

Industrial has developed a strong skill base in the dismantling of structures and plant. Combining accepted engineering and demolition methodologies, Industrial offers an innovative and extremely cost competitive option to engineering contractors.

Industrial can offer its clients a wide range of dismantling services ranging from the removal of specific items within an existing plant, to the complete dismantling, packaging, transport and reassembly of a structure, plant or process.

The dismantling of redundant plant including process equipment, columns, heat exchanges, pumps, pipe work, chimneys, stacks and structures within live environments is a particular speciality. Industrial have the systems of safe work and experience to plan, coordinate and undertake the most complex of tasks within the most demanding of environments.
Recycling

- Industrial is committed to current best practice recycling initiatives.
- The company has a long recognised reputation as being at the forefront of construction and demolition materials recycling.
- The ability to work with all of the established C&D recyclers allows Industrial to provide its clients with the best options for their individual challenges and location. Industrial is not constricted by having cumbersome fixed recycling facilities, which can potentially impose additional transport and disposal costs to a project.
- Industrial is committed to bringing a range of options to every project, which allows its clients to enjoy the potential financial rewards from the inherent resources contained within many demolition projects.
Industrial Environmental Services is a specialist in proven and practical remediation technologies. One of the goals of the company is to minimize material being diverted to landfills and to maximise the reuse and recycling of waste materials at their source.

Experienced soil treatment professionals
Industrial Environmental Services maintains a team of professional remediation technologists, remediation management and a diverse network of equipment and trade services. This division is experienced in the delivery of contaminant stabilisation, as well as destruction and waste reduction techniques designed to reduce the cost of remediation.

IES is able to provide cost saving advice to consultants and site owners, during a project. IES is fully versed in the current regulatory environment, including Worksafe and EPA expectations for remediation projects with dangerous and toxic contaminants.

Site Remediation and Clean Up
Industrial Environmental Services owns and operates a large range of its own equipment, ready for fast deployment to solve unforeseen challenges during remediation projects.

This Division has the ability to provide remediation design advice for soil and groundwater remediation, by actively assisting engineering and contaminated land consultants. IES maintains a professional approach to remediation with specific attention to detail during implementation of remediation plans.

IES has the skills to construct and operate onsite soil treatment plants, pugmills, batch mixing and groundwater treatment plants.

IES commonly undertakes full-service demolition and remediation works contracts requiring the management of site preparation works packages. This requires the development of works process design, the application for and attainment of various permits, licenses and regulatory approvals, compliance with legislative guidelines and the management of project timelines and budgets. IES utilises the services of subcontractors where required, such as specialist engineers, but maintains the overall management and control of every project. Historically, IES is able to add real value to remediation design works because of its extensive experience on site, which enables any technical or timeline issues to be controlled.
**Professional Overview**

Graham, together with his fellow Directors and partners, is a driving force behind the Industrial Demolition business. He took up the role in 2009 after a broad reaching management role in the demolition business, which included positions as Internal Projects Manager, OH&S Co-ordinator, Steel and Salvage Manager, Business Development Manager and Demolition Services Manager. This has provided him with over 20 years of experience, managing complex projects throughout Australia and New Zealand.

Graham saw an opportunity to advance the Industrial Demolition and Environmental Services business and has helped to develop and maintain a strong focus in industrial type demolition projects and has invested heavily in both the equipment and human resources to be able to deliver these types of projects to the highest expectations of clients.

There is an extremely complementary synergy within the management team and much of their experience has been gained working with the operators of Australia’s largest major hazard facilities including Shell, Huntsman, Esso, Dow Chemical, Qenos, BP and Mobil.

The variety of very successful projects undertaken over the past three years by Industrial Demolition are as a direct result of the excellence of Graham’s management expertise and his ability to not only act as an interface with the client or client’s representative, but at site level.

Graham is currently the President of the Demolition Contractors Association of Victoria, which has developed much major advancement within the industry and a member of the former Technical Advisory Group advising Safe Work Australia on proposed new Demolition Licensing Laws. He is also held a position on the CPSIISC steering committee which has now developed and implemented certificate III and IV qualifications for the demolition industry. Graham is a Registered Building Practitioner - Unlimited Demolition Work.
Steve McCoach
Environmental Services Director.

Training & Associations
- Diploma of Architectural Drafting
- DCAV
- MBAV
- Plastics & Chemical Industry
- Petroleum Industry Contractors Association
- Project Management (Swires)
- AIP accreditation
- Asbestos Awareness Training
- Plant & Equipment Operator Training
- OHS Training
- First Aid
- Construction Induction Card

Significant project experience
- M80 Freeway
- Huntsman Chemical Company Australia
- McDonalds Development site - Ringwood
- Riverwood -Alphington
- Williams Landing
- Goodyear SPT -Somerton
- Dunlop Footscray
- Thales – Mulwala
- Mobil storage facility -Swan Hill
- 7-Eleven UPSS Projects

Professional Overview
Steve McCoach has more than 25 years experience in the civil, demolition and environmental services business and has been instrumental in developing and heading up the Environmental Services division of the business.

Today, more than ever before, environmental services are a key element of any demolition contract. With most industrial and even general structures, there are a number of issues present in the fabric of a site that require professional expertise. Industrial Environmental Services (IES) is a specialist discipline with experience in proven and practical remediation technologies. IES is also able to provide cost saving removal and remediation recommendations to clients and consultants for projects that are not related to demolition works.

Steve has been instrumental in driving the Environmental Services business forward over the past three years to a point where it is now one of the leaders in its field. His experience as a Logistics Manager, Remediation Manager and as a Site Manager on Demolition and Environmental projects highlighted the need for a specialist company within the Industrial business group to provide soil treatment, asbestos abatements, bioremediation, underground petroleum storage systems, water treatment systems, drilling services, site remediation, cleanup and project management.

The success of this business unit has been remarkable and this is directly related to the vision and professionalism of Steve and his project teams of environmental works specialists.

As infrastructure changes and land is re-developed for other uses, Steve believes the future of this business will continue to grow at an unprecedented rate. Industrial Environmental Services has both the equipment and human resources to deliver the best solutions and sustainable environmental outcomes under the leadership of Steve McCoach.

Some of the clients Steve is currently working with or has completed projects for include: URS, Dept. of Education, Thiess Services, Boeing, 7-Eleven, Caltex, Parsons Brinkerhoff, Coffey Environmental.
Derek Wilson
Director - Board Chairman

Training & Associations

- Registered Building Practitioner (Demolition unlimited)
- Demolition Advanced Cert (NSW)
- High Risk licenses for crane operations and rigging.
- Two terms as President of the DCAV 1980's - 90's
- Major contribution to Industry through DCAV, establishing minimum standards, dialogue with Government bodies and other professional groups including Councils, Workcover, EPA, Building surveyors and Building Practitioners.
- Co-founded Industrial Wreckers Pty. Ltd. in 1981.

Derek Wilson founded Industrial Wreckers (as it was known for over thirty years) and is one of the pioneers of the demolition industry in Australia. Derek maintains an active management role within the Group and also manages much of the day to day contract and business administration of the company.

Derek’s name is synonymous with Industrial demolition throughout Australia - being one of the founding fathers of the modern phase of this industry in this country.

Derek saw an opportunity early on in the development of the business, to develop a specialisation in industrial project work and to understand the requirements and constraints of working in live and hazardous environments.

Almost 40 years later, the company is regarded as a leader in this field with a formidable project history. Derek was also responsible with other demolition managers in this country for developing many of the standards and procedures that have established the benchmarks in the business.

Derek’s role is very valuable in the Company today where he has input into most projects and the day to day administration of the business. His input is highly regarded among the team and he is able to add value and advise on technical matters very effectively given his broad experience in the industry.

Derek is generally the first point of contact when disasters occur in Victoria where demolition services are required to facilitate in a fire emergency or collapse or other crisis. This is a testament to his lifetime of experience and skills.
Sam Posterino
Financial Controller

Qualifications and Training
- Bachelor of Business Accounting (Victoria College, Melbourne)

Significant Projects
- SAP implementation into the Australian and New Zealand business (NCI).
- Implementing an Integrated Business Management system (NCI).
- Transition of new businesses into the groups reporting structure (NCI).

Sam Posterino has nearly 40 years of accounting experience in the manufacturing sector with companies with manufacturing bases in Australia, New Zealand, PNG, Fiji and Vietnam.

Sam’s key areas of experience at that time were as a Financial Accountant - responsible for group consolidations and cash flow management and internal audit compliance - the main objective of which was to put in place and monitor internal control systems for that business’s financial and costing systems.

Sam was also a Group Management Accountant, with all the Australian and New Zealand plant accountants reporting to him and was responsible for the group’s management accounts reporting including Business Plan Objectives Guide to final budget board presentations.

Sam has recently joined the Industrial Group and will enhance the Company’s financial management and reporting systems considerably.
Steve Maher
Project Manager

Training & Associations

- Diploma Building Design & Technology
- Swire Advanced Management Course – Finance & Strategy
- Registered Building Practitioner
- Construction Induction Card
- Lean Management Systems
- BDAV

Steven Maher has worked in the role of a Project Manager in the areas of Industrial and Commercial construction for the past 10 years.

His recent project experiences have provided the high-pressure environment, in which he has honed his Project Management skills. His recent project successes have been the culmination of 12 years of ongoing involvement in the multi-faceted construction industry.

Steve’s principal responsibility is Project Management of Demolition Projects within IDS. This includes involvement in the tendering process, project initiation and overall Planning, Contract Management and coordination/tracking of each demolition project.

Steve’s previous experience in the construction industry was with the Alex Fraser Group - a former leader in demolition and Australia’s leading recycler, managing a number of multi-million dollar infrastructure projects associated with their Recycling business including design, tendering and construction.

Prior to that he was working in the telecommunications infrastructure industry, developing mobile telephone sites with the Transfield Group.

Steve is a Registered Building Practitioner (Architectural Design) having studied Building Design Technology at the Gordon Institute in Geelong.
Joe DeBono
Director Senior Operator

Joe DeBono has more than 20 years experience in the demolition industry and is a highly skilled and experienced machine operator and demolisher. He has worked extensively on projects throughout Australia and New Zealand.

Like several of his colleagues, Joe gained considerable experience working on major projects at Alex Fraser Demolition prior to joining the Industrial Demolition Services team. He is one of the most skilled equipment operators in the demolition industry in Australia.

Joe is the Senior Excavator Operator for IDS as well as having extensive experience in other essential equipment within the company’s equipment fleet. Given his extensive experience, Joe has a pivotal role as a mentor and trainer for both junior and senior excavator operators, particularly in the area of applying technical aptitude for both commercial and MHF facilities. For structures that require a degree of planning, Joe will brainstorm with the excavator team to develop the most logical and safest way to demolish the structure in a controlled manner and take charge of the excavator team during the demolition phase.

Joe is instrumental in assisting with the implementation of demolition work methodologies resulting from the planning process and also for the development of the SWMS.

Training
• Senior plant & Equipment operator
• Construction Induction card Vic/NSW

Recent Projects
• Huntsman Chemical Company of Australia demolition project
• Caltex Kurnell Refinery
• Mobil Refineries/tank farm projects throughout NZ
• GMH Fisherman’s Bend and S.A.
• Dandenong CBD Urban renewal project
• Docklands Victoria Harbour project
• DP World
• Shell Refinery - Geelong
Tony Humphrey
Director - Logistics Manager, Senior Site Supervisor

Professional Overview
Tony Humphrey has more than 26 years experience in the demolition industry and is one of Australia’s most highly skilled operators. He has worked extensively on projects throughout Australia and like several of his colleagues, fills several roles within the Group. Tony is not only a Director of the Group but the Logistics Manager and a Senior Site Supervisor.

His experience includes tenure with several of Australia’s leading demolition businesses as well as his own demolition business where he sub-contracted to major demolishers.

As part of the Industrial team, Tony has worked on some of the most significant projects in the country in recent years. Tony is an experienced machine operator and also manages the equipment logistics for the Group.

He also fills the role as mentor and trainer for both junior and senior excavator operators and is well experienced in running a project team where the focus is on a culture of efficiently and safety.

Tony is instrumental in assisting with the implementation of demolition work methodologies resulting from the planning process and also the development of the SWMS.

Training
• Senior Plant & Equipment Operator
• Construction Induction card Vic.
• QLD -Demolition Supervisor
• WA -Demolition Supervisor

Recent Projects
• Central Pier project - Docklands Melbourne
• GMH Fisherman’s Bend
• BOC Dandenong
• Dandenong CBD Urban Renewal project
• Docklands Victoria Harbour project
• CSR Australia
• Australian Sugar
• DP World
• Shell Refinery - Geelong
Professional Overview

Tommy Durnin has worked in the role as a Project Engineer in the areas of road maintenance and construction, civil engineering, demolition and environmental for a period of 6 years.

He has considerable experience in project engineering where he has been required to efficiently and effectively engage with stakeholders, subcontractors and project personnel.

Tommy is in his third year as a Project Engineer with Industrial Demolition and Environmental Services in a variety of roles including tendering, site supervision, project planning and asbestos and safety auditing.

His principal responsibility is for the coordination of all technical activities on assigned projects. Tommy plans, schedules, conducts and coordinates assigned engineering and project work, monitors work compliance to applicable legislation and codes, accepted engineering practices and Company standards, ensures effective communication and coordination on projects between all disciplines and other project participants.

He has worked as a project and senior engineer on projects with Water Resources Alliance (Melbourne Water) and Transfield Services.

Qualifications

• Degree in Civil Engineering
• National Diploma in Civil Engineering

Training

• LPS - Loss Prevention Systems
• SPSA - Self Performance - Self Assessment (Caltex)
• Construction Induction Card

Industry Associations

• Plastics and Chemical Industry
• Australian Industry Group
• Masters Builders Association
Professional Overview

Steve Payne has been working at Industrial Demolition Services for over 17 years and fills the roles of both Project Supervisor and as a supervisory member of the Safe Work Methods Committee.

Steve is fully experienced in a wide range of demolition projects as is evidenced by his multiple roles on a number of recent projects, which include emergency response work to fire-affected projects. A high level of competence and knowledge is required with projects such as this – particularly where a building has been structurally compromised by fire. Steve’s experience as a Safe Work Methods Supervisor within the Company generally means he is called upon to supervise these complex demolition projects.

Steve is fully experienced in a broad range of machinery operation as well as hot work including oxy-acetylene, plasma cutting and thermal lance operations. His experience as a rigger and dogman assists with tall structures like the recent Huntsman Chemical Plant demolition, which was one of the largest and most complex ever undertaken in Victoria.

Steve is a skilful, experienced site operator and a very competent supervisor and an asset to the Industrial Demolition business. He continues to gain additional knowledge when it is available and this is demonstrated in the number of course he undertakes to ensure that he is up to date and at the cutting edge of his profession.

His experience formulating Safe Work Methods for many Industrial projects is invaluable and this when coupled with his practical hands-on project experience highlights his standing in the Industrial Demolition Services business.

Training & Competencies

- NSW Unrestricted Demolition Licence.
- Representative/Supervisor Course OH&S Training – Holmesglen TAFE.
- Bonded Asbestos Sheet Removal Training—NSW TAFE.
- Plant & Equipment Training
- First Aid – Level 2
- Traffic Management Training
- Rigger and Dogman
- Construction Induction Card Vic. NSW

Recent Projects

Steve acted as Site Supervisor on the following recent projects:

- GMH Factory strip out
- Huntsman Chemical Company
- Australian Paper Manufacturers
- Bay Builders - Clean up of various buildings resulting from the Black Saturday Bushfire disaster
- Various fire affected emergency projects
- Mitsubishi Car Plant – South Australia
- Caltex Kurnell Refinery
Professional Overview

Pete Quin comes from a similar background to several members of the Industrial Demolition team. He started in the business working for the Alex Fraser Group as a trainee in the steel and salvage division progressing to the demolition business where he held a number of roles culminating in site and project management on a large variety of demolition and environmental projects. He joined the Industrial Demolition team in 2009 and has taken responsibility for projects at a management and project site level.

He complements the demolition team, which has a strong integrated capability and considerable experience from having worked over many years on projects throughout Australia and New Zealand.

Pete is an extremely competent and experienced manager and fulfils the role of overseeing site management for many of the Company’s major demolition and environmental projects.
Professional Overview

Paul came from a trades background and started his career as an apprentice in the cabinetmaking and joinery industry. He then joined the maintenance division at CMA Recycling. He was promoted to assist in the construction of a world first chemical processing plant—the Meretec De-zincing Plant and became operations supervisor of the plant. The plant recycled reclaimed zinc from steel—allowing for the zinc to be recycled and the steel to be recycled and sold separately.

Paul entered the OHS business at this point becoming the HSE Coordinator (Victoria) for CMA recycling and after intensive studies was promoted to the position of National HSE Manager (Australia/ New Zealand) for CMA Recycling.

Paul then moved into the shipping transport and logistics field with SeaRoad as their Group Safety Manager and extended his career in this industry further, by becoming the National HSE Manager of Prixcar services—one of Australia’s leading Automotive Logistics, Storage, Processing and Rectification Services.

Paul fills the role of OHS Advisor to Industrial Demolition and Environmental Services and is instrumental in the day to day OHS planning and monitoring of the Group’s operations and standards. He has input into every project we undertake and is involved at site level and during the project development planning stages. He also manages the Organizations’ training programs and every facet of the OHS compliance, monitoring, planning and logistics.

Qualifications

- Diploma OHS (National Safety Council)
- RABQSA Auditor (OHS)
- Cert IV OHS (National Safety Council Australia)
- NMIT Engineering Diploma
- Cabinet Maker/ Joiner

Previous Experience

- National HSE Manager (Prixcar Services)
- Group HSE Manager (SeaRoad Shipping and Logistics)
- National OHS & RTW Manager (CMA Recycling)
Plant & Equipment

Industrial Demolition Services and Industrial Environmental Services have a fully maintained, duplicated fleet of modern, purpose designed equipment.

**Excavator Fleet**
- 125 tonne Hitachi EX 1200-6
- 50 tonne Volvo 460B
- 50 tonne Volvo 460B
- 30 tonne Volvo 330B
- 30 tonne Volvo 330C
- 20 Komatsu PC200-8
- 20 tonne Cat 320C
- 12 tonne Komatsu PC100-6
- Komatsu PC 130-8
- 22.5 tonne Hitachi (Zero Swing)
- Hitachi 35 tonne Long-reaching V front
- 5 tonne Cat 304 CCR
- 5 tonne Cat 304 CCR
- 1.5 tonne Yanmar VIO-1.5

**Specialist attachments**
- Genesis 1500R Shear
- La Bounty Shear MSD3000R
- La Bounty Shear MSD2000R
- EDS Shear 30 (HD) R
- Atlas Copco Shear CC1800
- Atlas Copco Rotary Grapple
- Arden Rotary Grapple
- La Bounty Pulveriser
- Indeco Rock breaker 30/40T
- Furakawa Rock breaker 30/40T
- Krupp Rock Breaker 20T
- Soosan Rock Breaker 12T
**Skid Steer Loaders**
- Bobcat Cat 2488
- Bobcat Mustang 2086
- Bobcat Cat 216B
- Cat Skid Steer 21682

**Boom lifts and Telehandlers**
- Tadano AW-370 boom lift
- AICHI SR-210 boom lift
- JLG 460-SJ
- Merlo telehandler P38-13K

**Generators**
- Kohler Diesel Generator 240V
- Kohler Diesel Generator 3 Phase
- Kohler Diesel Generator
- Kohler Diesel Generator

**Prime movers**
- Mercedes Benz Actros 2640
- Scania P113M6x4
- Mitsubishi Tray ZMP768

**Trailers**
- Centurion 50CM
- Centurion 25CM
- Centurion 25CM
- Jackson drop deck trailer
- Hercules S TRL 3 axle 40CM Tipper
- Hamelex 40 CM

**Marine equipment & water work platforms**
- 4.5 m Custom designed and built aluminium work boat/outboard
- 2 x John boats with outboard motors.

The company also has a large range of auxiliary equipment including hand operated machines for specialist tasks.
One of the most significant innovations in demolition – the La Bounty Shear

The Industrial Group’s association with La Bounty spans four decades. The Group was one of the first to recognise the benefits that hydraulic shears would bring to the demolition world. With the resulting reduction in human exposure during high risk activities and the potential removal of associated risks factors including hot work, work at heights, use of cranes, EWP’s and manual handling it can be reasonably argued that hydraulic shears have been the single greatest innovations in the demolition industry.

Correspondingly shears are only as effective as the respective carriers allow them to be. The Company’s most experienced operators spend as much time evaluating the excavators as they do the shears. Even when the ideal coupling is arrived at Industrials dedicated team of plant, OHS and operations professionals spend more time identifying risk areas and designing specific operator protection systems which allow the equipment to be used to its full potential whilst protecting the fragile human element.

Considering that most excavators were designed primarily as earth moving tools, visibility is one of the key elements Industrial strives to maintain and enhance. The normal sight plane for demolition differs significantly to that of earth moving. Whilst the majority of earth moving is excavation with the resulting sight line requirement demolition conversely is the opposite. Factored with the enormous energy that shears impart during their cycling the protection of the operator against projectiles is paramount. This requirement has to be acutely balanced against the need for visibility, not only to allow for the actual demolition activity, but for the identification of potential hazards such as services and other site users.

Some of the key features of Labounty shears include:

- Reversible bolted cutting tip
- Reversed, large bore, forged cylinder rods and seal design
- Dual Guide Slide Puck system
- Speed valves providing faster cycle times

Configuration

Industrial strives to optimise on the utilisation of their extensive range of shears. The larger units are normally used in a 2nd member configuration necessitating the removal of the dipper arm. 3rd member configuration utilising a quick hitch allows for far greater flexibility and range of movements. A single machine can be mobilised for both demolish and the loading of the resulting waste streams.

Industrial’s 2000R, 30 (HD) R and Atlas Copco shears can all be configured in either 2nd or 3rd member combinations allowing for the optimal solution to each specific project requirement.
La Bounty MSD 3000R Shear
The La Bounty MSD 3000R is rated to cut universal columns and beams up to 760/450 mm. With a cutting pressure exceeding 1,700 tonnes the shear effortlessly cuts and processes steel and concrete members that would take hours using alternative methodologies without the associated hot work (naked flame), vibration and noise issues.

Teamed with the Volvo 460 excavator in a 2nd member configuration, the combination provides exceptional stability without imposing the unforgiving and restrictive ground pressure issues associated with heaver machines. This alone can be a key factor when selecting the appropriate equipment for tank demolition where issues associated with access to bunded areas can be one of the key restraints.

The 460/3000R combination is readily mobilised on a single float without needing additional resources such as cranes and access equipment. This ease of transport drastically reduces the costs associated with mobilisation.

The 460/3000R combination can safely reach heights of 10 meters whilst maintaining a safe working distance of 7 meters and has a working radius of 13 meters.

La Bounty MSD 2000R Shear
The 2000R can exert a cutting pressure of 1,140 tonnes and is rated to cut universal beams and columns of 500/300 mm.

The shear can be configured to either 3rd member on a Volvo 460 or as a 2nd member of one of the Group’s 30 tonne excavators. The 3rd member configuration providing a useful increase in reach.

Atlas Copco CC1800 Shear (Combination Cutter)
The size of the CC 1800 is deceptive. The unit provide more than 200 tonnes of cutting force (shear) and has both shear and pulverising jaws.

The CC 1800 can be configured as 3rd member on the Groups EX 350 long reach excavator and 20 tonne machines and 2nd member on 13 tonne machines.

Volvo 460B
This machine is used on larger projects and can take any of the attachments in the fleet including the large La Bounty 3000R shear which requires a minimum of a 40 tonne machine for effective operation.

Hitachi Long Reach EX350 V-Front
This machine is invaluable with projects that require a long reach capability. A recent wharf demolition project at Victoria Harbour in Melbourne’s CBD demonstrated the capacity of this machine – where a standard excavator could not be placed directly on top of the structure being demolished due to its structural deterioration over time. The Hitachi V front was able to reach the extremities of the wharf structure from land safely and effectively. The operators were able to undertake a precision job with the rotatary head grapple – salvaging all materials for recycled products.

Volvo 330B/C Excavators
Industrial runs several of these mid range ‘workhorses’ which are suitable for a majority of the demolition projects we undertake.

Caterpillar, Komatsu 200 and Hitachi 20T machines
The Company operates a range of smaller 20 tonne machines which are used on smaller projects where large machines are not required – or used in conjunction with other machines on large projects with task specific attachments.
Target - Altona North Distribution Facility.

Industrial Demolition Services recently undertook a dismantling project where precision and speed was paramount to the success of the project. Goods are despatched from this enormous facility throughout Australia to Target stores. Given the volume and variety of goods Target sells in Australia, this is an impressive facility from a logistics standpoint.

The project involved the upgrading of the pallet racking and conveyor systems to match those in use throughout the Target network. This two storey metal structure was situated inside the enormous distribution centre and required considerable precision in the dismantling and extraction of half a kilometre of redundant infrastructure.

As is the case with every dismantling task in a live environment, there were constraints. One of these was the need to leave the building and its highly polished concrete flooring undamaged.

Given that a 35 tonne excavator and hydraulic shear were the principal tools for the bulk demolition works, this was not easy given the fact that the machine runs on metal tracks that can pulverise concrete very quickly. Special work mats were put in place and every time the machine had to move - the mats were carefully placed in its path to ensure no significant damage was sustained.

The photograph does not give a full overview of the size of this project - but the colour coding on the support posts does indicate that this place is so big the designers had to use colour to help people know where they were in this giant distribution centre.

The project went ahead flawlessly and was delivered on time and on budget.
Project News

Victoria Harbour - Central Pier Project.

Work has been completed on the redundant wharf project - Central Pier at Victoria Harbour in Melbourne Docklands. The project has attracted considerable public interest as yet another part of the Docklands puzzle comes to fruition.

The timbers of the decaying century old wharf contrast dramatically against the filling skyline around the Harbour Esplanade site with its contemporary glass buildings and office towers.

The photo shows the size of some of the historic old timbers being removed from the site - which despite being full of old rusted bolts and deck pins - will all be recycled into all manner of things. Timber of this size and type (Jarrah and Ironbark) is practically unavailable today so interest has been keen from people who work in old timber. This includes custom furniture makers and even builders who want that one piece of timber as a feature in a new project.

IDS has now completed several projects around this harbour precinct which has been largely unchanged for over 100 years and is currently working on the South Wharf precinct. Today Melbourne’s old docks are becoming a vibrant new waterside hub in the western CBD and the new address for many large corporate organisations and people seeking the latest inner-urban lifestyle.

Melbourne’s appreciation of its waterways is a relatively recent phenomenon and the views and benefits of this spectacular address are being realised as this new project unfolds.
Project News

Redundant Plant and Tank Farm Demolition NSW

Since early 2013, Industrial Demolition Services has had one of its most experienced work groups stationed at one of Australia’s largest oil refineries. Initially IDS demolished some 1500 tonnes of plant and equipment to make way for new pipe lines and equipment which were being installed as part a major upgrade.

The second project completed by IDS involved the removal of more than 100 tanks and associated infrastructure from a number of redundant tank farms. This project saw IDS’s four person team remove more than 5,000 tonnes of structures, plant and associated equipment in under four months.

Both projects were completed without a single medical treatment or lost time injury (MTI/LTI). Utilising a combination Loss Prevention (LPS) and other behavioural based safety systems including “Take 5” the IDS and client teams worked closely together to make these projects an outstanding success.

Australia’s oil industry is undoubtedly undergoing one of its most significant periods of change. With two major refiners undergoing conversion this will leave five manufacturing sites around the country located in Queensland, Victoria and Western Australia. As this project demonstrates IDS is ideally equipped and resourced to provide its services for the removal of redundant infrastructure from both live and decommissioned sites.

IDS are very proud to have been part of this project. The removal of such major infrastructure without a single injury is something we can all be proud of.
Asaleo Box Hill

Asaleo have recently undertaken major plant upgrades and refurbishment projects at their Box Hill facility in an effort to streamline their production facilities, which produce a variety of tissue paper products such as toilet paper, facial tissue and absorbent paper.

IDS completed two contracts at the Asaleo Box Hill site in the first half of 2013. The first was a C550 contract which entailed the removal of the redundant PM2 paper machine and associated equipment within the PM2 building and the second being the C600 contract which required the balance of the internals of the PM1 and 2 galleries to be stripped along with the asbestos sheet roof of these galleries and a portion of the adjacent Conversion A area removed and replaced with new roofing materials.

The C550 contract ran from January through to March and the C600 flowed on from the C550 and was completed in July.

Both contracts saw IDS taking on the role of Principal Contractor on site and incorporated a mixture of demolition, fabrication and installation works. As Principal, IDS coordinated the subcontracting trades which included Asbestos Removalists, Plumbers, Concreters, Steel Fabricators, Installers and Crane operators.
Victoria Harbour / North Wharf

Victoria Dock was a large excavated harbour located on Footscray Road and Docklands Highway and was built between 1887 and 1892. Apparently, it was the oldest and largest surviving single dock in the world.

Today the structure is at odds with what is happening around it. It’s the way we ship things today that made Victoria Dock redundant. In the 1980’s the dock handled 20 million tonnes of goods – but with the introduction of containers and roll-on roll-off technology it was abandoned for commercial shipping. Subsequently, the area has been redeveloped into a vibrant new living and commercial hub.

Industrial Demolition is expert in wharf dismantling work and over water demolition work. It is an exacting process requiring work groups on the ground and on the water. The company has its own specially designed equipment for such projects which, in recent years, have included the demolition of the Barwon Heads Bridge and other projects around Melbourne Ports.

There are numerous constraints with projects like these. Many of the remaining structures are severely degraded with little or no structural integrity remaining. Detailed inspections are required to determine and establish the capacity of existing sections and to identify areas that have deteriorated beyond the capacity to support even their own weight.

Industrial has several items of plant specifically developed for this type of work including a new Hitachi long-reach excavator fitted with a 360° rotating hydraulic grapple. This unit can work from either the land side or from barges and reach the extremities of the structures safely – progressively removing the concrete and timber decks and then the stringers and cross heads that form the supporting structure above the piles.
Huntsman Chemical Company Australia

In 2011, Industrial Demolition completed one of the largest industrial demolition projects in Australia, the 35 hectare Huntsman facility at Brooklyn, Victoria.

Between 1939 and 2010 a range of chemicals were produced on site including pharmaceuticals, phenols, acetone, styrene’s, styrene monomers, polyester resins, phenolic resins & a range of herbicides including 2 4-D, 2 4 5-T & glyphosate (Roundup).

Industrial was contracted to undertake the demolition of the built assets and partnered with GraysOnline to conduct a number of auctions to dispose of assets such as tanks, pumps, valves, workshop and laboratory equipment, stores, spares & any other saleable equipment. The removal of major assets sold in the auction process was undertaken by Industrial, prior to the commencement of demolition works in each area.

Several major structures, which had been the tallest in this landscape for decades were successfully removed by controlled collapse.

This major project was completed on schedule and took almost 21,000 man-hours. Importantly, Industrial delivered the project without a single Lost Time Injury (LTI) or Medical Treatment Injury (MTI).
**Project News**

**DP World – Swanson Dock**

The broad scope of demolition works carried out at DP World in the busy West Swanson Dock Intermodal container facility, is a working testimony to the skills Industrial Demolition has in operating in a live working environment. In every part of this project, container movements have continued near the various work zones in what is Victoria’s busiest shipping facility.

The precise traffic management plans developed at the commencement of this project ensured that the project progressed flawlessly. Five significant buildings and a large container wash facility were removed from the site without any detriment to the day-to-day operation of this container facility.

The removal of the CFS warehouse was the last element of this project. This building was integrated with a high voltage substation and IDS separated the structure and removed the 9,500 square metre warehouse from the site with considerable skill and without impacting on the smooth movements of thousands of containers.

The entire project was undertaken in two major mobilisations over a three-month period.

**Appleton Dock “C” & “B”**

Responding to a selected tender group request, Industrial Demolition & Environmental Services were awarded the hazardous materials removal and demolition of the historic Appleton Dock “C” wharf situated in Melbourne’s Docklands. The project included the removal of more than 9000 square meters of asbestos containing material and the demolition of the extensive structure, while the site occupier (P&O Automotive and General Stevedoring) continued import export operations. The project included extensive consultation with maritime unions and was completed on schedule without incident or disturbance to port operations.
Barwon Heads Bridge dismantling project

IDS was contracted to undertake the dismantling of the historic 300 metre Barwon Heads Bridge, which has spanned the Barwon River mouth at Barwon Heads for over 83 years and serves as a vital vehicular and pedestrian link on the Bellarine Peninsula. This structure suffered from a number of age, hazardous materials and condition issues that dictated its replacement. The project has a number of inherent constraints, which emphasised the need to work closely with the building contractors constructing the new bridge structure. These include the removal of a redundant sewer line, which contains asbestos sheathing and the need to maintain a functioning access way as the old timber, steel and concrete structure comes down and the new one is erected in a seamless project delivery.
Dandenong’s new City Centre

The Dandenong Revitalisation project is quite unique. No other established community hub in Melbourne has ever undergone such an extensive transformation on such a scale.

Dandenong has an established regional status, attracting shoppers from the country to its large retail complex. The Regional Police headquarters, Magistrates’ Court, a major hospital and associated services and a TAFE college are also located in the Dandenong hub. Dandenong is also the centre of an extensive transport network, with a busy railway station and bus interchange.

The extensive redesign and works to renew Lonsdale Street was completed last year, making it one of Melbourne’s outstanding business and retail boulevards.

The next phase of works involves the transformation of a city block of a large number of redundant shops, office buildings and a former arcade into a civic, retail and business centrepiece that will be a major feature in the entire revitalisation program.

IDS undertook the careful demolition and dismantling of many buildings in Lonsdale Street, Walker Street and Thomas Street. The project had many constraints, principal among these being the fact that this demolition project was in the heart of an operating retail and business precinct.

Following the completion of works, construction has commenced on the new Municipal Building Project with an anticipated completion date of March 2014. Watpac Constructions are responsible for the building of the new project.

This flagship project for the revitalised Central Dandenong will see the establishment of the new heart of Melbourne’s southeast region.

Demolition Services Manager, Graham Cressey says that the IDS team have executed a relatively complex project very well.

“IDS is proud to again be part of this exciting project.
Thales – former Acid Plant Facility – Mulwala N.S.W.

Industrial Environmental Services recently completed an exacting project for Thales in Mulwala, New South Wales. Thales Australia is part of a global business with 67,000 employees in 56 countries. In Australia, Thales employs 3,300 people at 35 different locations.

Thales Australia provides a range of high technology products and services. These include command and control systems, communications and mission management systems, electronic warfare, sonar and underwater systems, training simulators, avionics, air traffic management, soldier systems, munitions and protected mobility vehicles.

The two business units worked together to demolish elements of a former acid plant, which involved the dismantling, removal and recycling of building and tank structures along with works associated with the remediation of the area for future uses.

The works required detailed excavation throughout the site to remove any hazardous materials and the placement of new base materials.
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