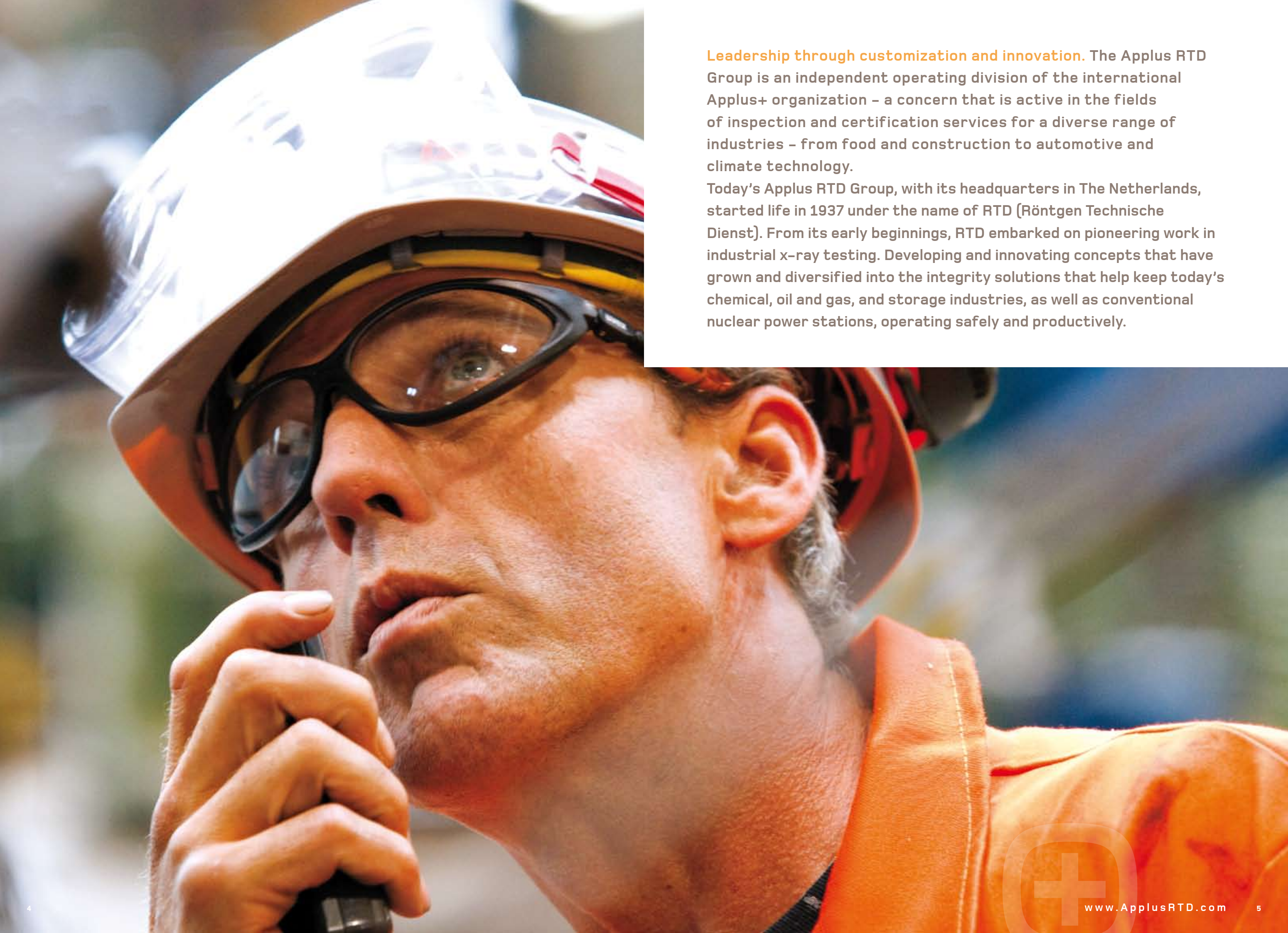


A commitment to excellence in
Non-Destructive Testing
& Inspection through to Integrity
Management





Leadership through customization and innovation. The Applus RTD Group is an independent operating division of the international Applus+ organization – a concern that is active in the fields of inspection and certification services for a diverse range of industries – from food and construction to automotive and climate technology.

Today's Applus RTD Group, with its headquarters in The Netherlands, started life in 1937 under the name of RTD (Röntgen Technische Dienst). From its early beginnings, RTD embarked on pioneering work in industrial x-ray testing. Developing and innovating concepts that have grown and diversified into the integrity solutions that help keep today's chemical, oil and gas, and storage industries, as well as conventional nuclear power stations, operating safely and productively.





Customized services. The building blocks for success

To make the maximum contribution to the productivity, quality and safety of clients' installations, Applus RTD has customized its services. Combining the advantages of proven standard techniques, plus today's most advanced technologies, with the experience and expertise of its own teams of dedicated specialists... and then tailoring them to the specific needs of every client. The result is a partnership for success today, and for the future.

Productivity – the use of selective preventive and predictive testing and inspection programs can enable considerable reductions in downtime for operating processes or during new constructions.

Careful planning also helps limit shutdown time for maintenance and increases the interval time between shutdowns. In this way, costs are reduced and productivity stays high. By also carrying out pre-inspections, and together with the client reviewing logistical processes both before and after shutdown, further savings are also possible (often more than the cost of the testing itself).

Quality – Applus RTD specialists are trained to the highest standards to enable optimal application of carefully controlled NDT&I procedures and to meet stringent testing standards.

Safety – safety for Applus RTD is paramount throughout all activities for our clients' employees, local residents and the environment. Protection of the actual production processes is also a commercial necessity, as it supports continuity of operation. The quality of Applus RTD testing and inspection programs ensures that security. High standards are also maintained thanks to an in-depth knowledge of national and international legislation, and an on-going commitment to training employees across a wide variety of sectors and industries. Training that ensures they have the motivation and expertise to handle a range of different challenges and projects all at the same time.

Highly trained Applus RTD specialists advise on selective testing and inspection programs that can significantly reduce maintenance costs.



Fully dedicated to clients. Adding value through a flexible approach, Applus RTD operates across a wide range of industrial sectors. From chemical, water and aviation, to oil and gas operations onshore and offshore. Activities include the inspection of both new and existing pipelines, maintenance and construction of LNG tanks and petrochemical plants, and even the maintenance of production plants in the food processing industry. Systematic testing and recommendations for service and inspection programs are also carried out, plus checks on clients' compliance with regulatory, technical and safety requirements. In addition, by offering a range of services that go far beyond developing and implementing testing technologies such as comprehensive advisory and consulting facilities, Applus RTD adds value to every client's operations and assures quality results... whatever the working environment.





Promises are made to be kept

As an organization, Applus RTD has set ambitious targets for meeting clients' needs, and each and every employee is fully committed to ensure that these challenges are met.

Business development – Applus RTD is committed to growth, thus serving an ever expanding client portfolio. At the same time, this enables the innovation and sharing of continually growing levels of knowledge and experience.

Flexibility – the ability to provide a rapid response plus accurate solutions to clients' requirements night or day, for both small and large projects is vital in supporting their business aims.

Operational excellence – an Advanced Planning and Scheduling system means Applus RTD always has the capacity to plan and deploy teams of specialists wherever in the world they are needed.

Process driven – with a flat structure of Business Units that operate as closely as possible to the client's site, support can be optimized at a global level. This helps ensure the client's process remains the primary consideration.

Proactivity – a close involvement with activities at the client's site, plus the provision of solutions and proposals for active co-operation means planning and schedules can be maintained.

Solution oriented – the introduction of Business Lines within each Business Unit ensures that NDT&I solutions are focused on the integrity of installations or objects.

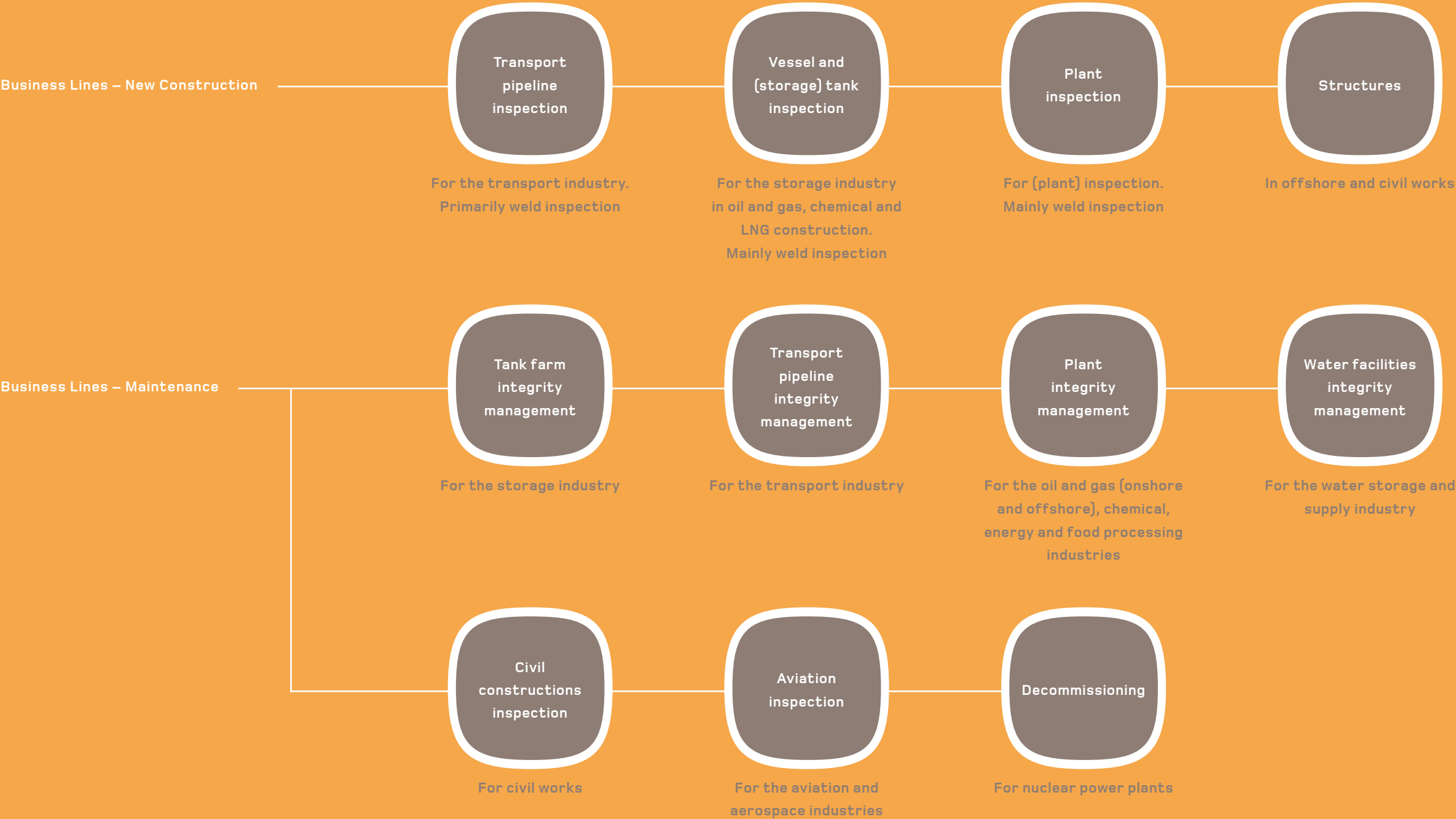
Global Application Support – three Application Support Centers in Europe (Rotterdam), the USA (Houston) and Asia/Pacific (Singapore) means local organizations and employees get support from within their own time zone. The three centers are linked to a new global Applus RTD knowledge management system that also permits clients to access technical data and research reports.

To ensure optimal service worldwide, and to enable a fast and tailored response to clients' needs, Applus RTD operates a program of on-going improvement throughout the organization.



Applus RTD's focus on integrity solutions. To enable a focused response to clients' needs, Applus RTD has grouped its activities around the operational areas of its clients. This has been done through the creation of a range of Business Lines covering both new construction and maintenance integrity requirements. Each Business Line is based upon the knowledge, experience and technologies required to address specific requirements at a client's

installation. All available technologies and testing methods can be applied by each Business Line, and the Applus RTD employees' particular knowledge of the field involved will ensure that the most effective solution can be rapidly identified. It means that the key area of focus lies with achieving total integrity of the particular object or installation.





At the heart of Applus RTD are its people. Highly trained, experienced and motivated specialists. People with a strong sense of responsibility who thrive on the challenge of working independently, and that thanks to on-going in-house training programs, never stop learning and improving their skills. Their inherent knowledge and flexibility, mean they can operate in a variety of locations and situations thus supporting the organization's objectives. Within Applus RTD, personal development opportunities are presented that are based on individual development plans. Special programs for management development and high level technical development for promising employees are also available.





Special training for special people

Training employees (together with clients' staff where necessary) at the Applus RTD in-house training centers means that all operators and inspectors comply with the most stringent requirements and are fully certified to handle the most specialist tasks, even at nuclear plants.

In addition to acquiring knowledge, Applus RTD specialists must also have experience. The combination of these two factors ensures that work stays interesting, and also that the experience gained in one sector can also be applied in another. Employees are also given considerable autonomy, plus levels of responsibility that help

make work more challenging and enjoyable, and that feed an ambition to deliver only the highest levels of quality and service.

Safety of both people and processes is another area that merits close attention in training programs, and it has been a fundamental cornerstone of Applus RTD operations for some 70 years. One key area of safety focus is the number of certified Rope Access specialists at Applus RTD. Trained at the company's own certified training center, they safely, cost-effectively and efficiently operate in the most difficult locations – both onshore and offshore. In addition to NDT activities, these specialists are also trained for tasks like welding, painting, and blasting etc..

The rapid international growth of Applus RTD is also providing additional capacity that enables a large number of shutdowns and projects to be handled simultaneously, all over the world. Peaks in demand will always be effectively met with specialized support that can be deployed at short notice to wherever it is needed. The fact that training, procedures, technology and equipment have been standardized within Applus RTD worldwide, means that every Applus RTD employee works to the same degree of commitment, quality and safety.

While education and training lie at the heart of their professional skill and knowledge, it is also vital for people to have wide ranging experience, and for a business culture to be in place that provides scope for individuals to demonstrate responsibility and for personal development.



Quality that means what it says. Often, the word 'quality' may appear to be a somewhat vague concept... but not at Applus RTD. The proof lies in an extensive HSQE (Health, Security, Quality and Environment) policy that has been implemented to document the company's quality performance beyond the parameters of safety, protection of individuals and property, and also the environment. Highly trained staff and stringent procedures ensure clients' requirements and also those of regulatory and certifying bodies, and government authorities are met. Quality of service is also key as this ultimately determines whether a client is satisfied or not.





A qualified approach

A key area of Applus RTD policy is HSQE – to such an extent that all employees and the company itself are qualified to handle a wide range of projects and assignments in this area, in many different sectors. All procedures are tailored to the specifications of clients, government bodies and certifying authorities all over the world. The company also works in close collaboration with those authorities in order to remain abreast of the latest requirements and knowledge, wherever in the world they may apply.

At the heart of Applus RTD activities lies the reporting of testing results. The services provided may typically begin by the selection or development of the optimal testing method. Measurements are then taken 'in the field' and a report compiled. For new constructions, this can lead to approval or rejection of a single weld or even a whole installation. In situations involving maintenance, a report highlights the degradation of specific installations or objects, and recommendations are made for suitable remedial action. Applus RTD aims at the provision of immediate reports, without the traditional waiting times of days or even weeks. In this way, efficiency can be enhanced and costs reduced... but never at the expense of safety to people or the environment.

Safety, quality and the protection of people and the environment are key issues in Applus RTD policy. As an independent organization the company assumes special responsibility and strives to set an example throughout all its activities.



Strong in technology. From its earliest days back in 1937, Applus RTD has always maintained a commitment to innovation and development. As a result, many well-known technologies have been created within the company. Today, many of these concepts are now combined to enable specific testing to be carried out in the most optimal way, thus enabling dedicated solutions that will meet the many and varied challenges that clients put before the Applus RTD specialist. Because Applus RTD has all established NDT&I technologies at its fingertips, it also means that solutions can be found in the shortest possible time. If that is not enough, thanks to a strong technological base and many years of experience, it also means specialized and successful solutions can also be developed to respond to specialized requirements.





Testing technologies that guarantee integrity

Applus RTD can provide an exceptionally wide range of testing technologies – both conventional and advanced techniques, and also tailor-made solutions. In the field of NDT technologies employed include radiographic, ultrasound, penetrant, magnetic and visual examinations. Technically advanced methods of NDT can also be provided which have been developed from conventional techniques. A key factor for the success of Applus RTD recommendations is the expertise of inspectors. They determine exactly what is examined and where, how frequently, and the best method to use. They then interpret the data obtained and from this, make conclusions and recommendations.

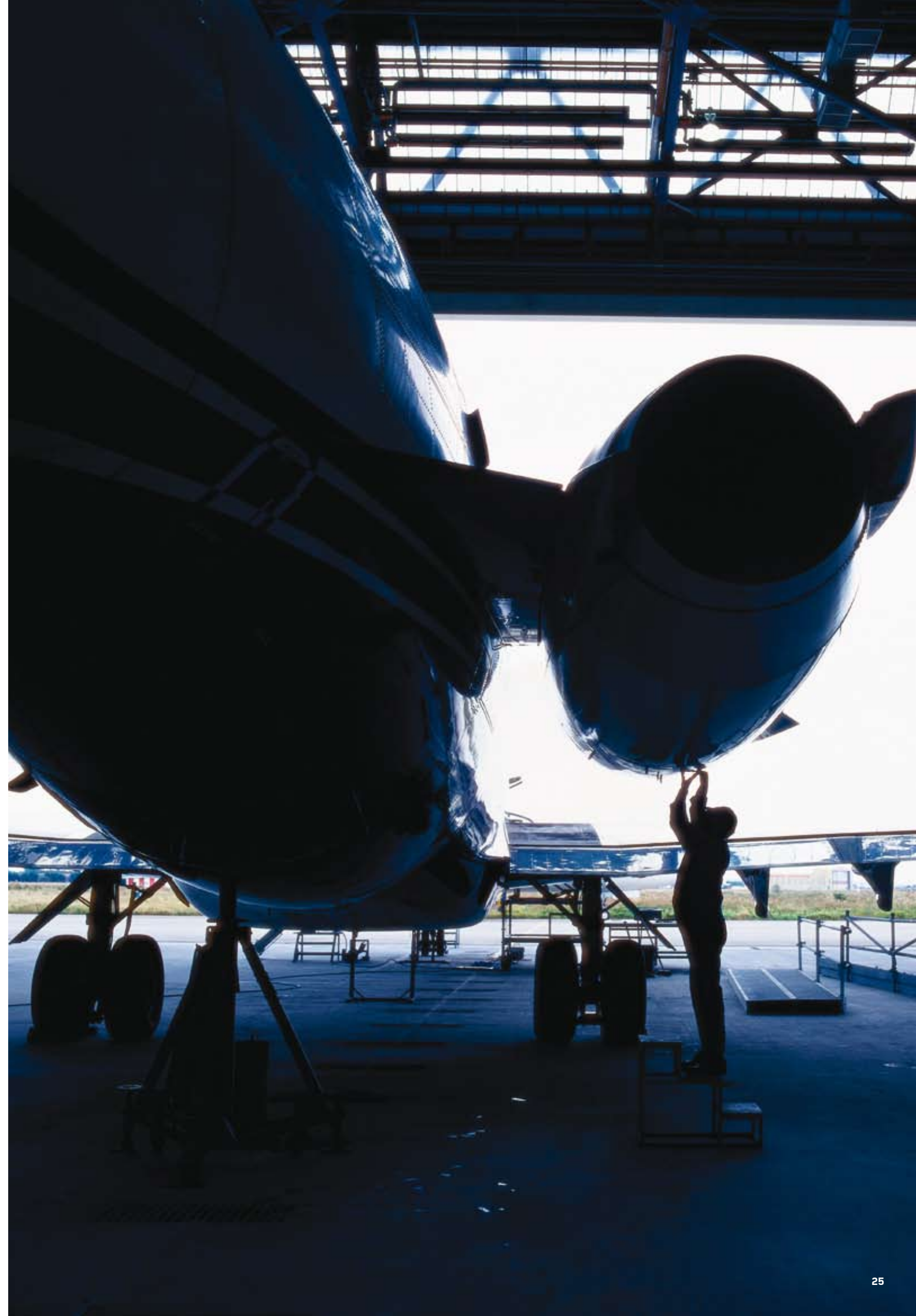
Irrespective of the technique used, the key objective is to establish whether imperfection (such as lack of fusion) or degradation (such as corrosion) have occurred. Depending on the size and scope of the problem, a statement regarding safety and projected remaining lifetime of the object can

be made. This information will help Applus RTD to recommend on necessary repairs to be carried out during routine maintenance, or for action to be immediately taken in the case of a potential hazard. During the construction of new vessels or pipelines, testing focuses primarily on weld quality.

For project related needs, advisory services are available from Applus RTD. Services include details on how inspections and maintenance can be effectively aligned with current legislation and regulations, and also what sort of degradation can be expected, plus an associated maintenance schedule. Specific maintenance programs are also developed that will save clients a lot of time and effort, particularly when insufficient expertise is available in-house.

In the field of industrial radiography, Applus RTD's considerable experience with radiation protection mean solutions are not just limited to practices with ionizing radiation. Highly trained and experienced radiation safety experts are available to support clients in a variety of industries ranging from scrap metal to oil and gas exploration, as well as from the use of ionizing radiation in industrial process control to medical applications. Needless to say, clients are always advised to minimize radiation doses and to meet statutory obligations.

The combination of a wide range of testing technologies and expertise guarantees accurate test results. These can be supported by expert maintenance recommendations that clients can implement for themselves... immediately.





The corporate culture is the key to success. For a company focused on service to its clients, and in which the mentality of its employees is seen as being as vital as their expertise, corporate culture is a decisive factor. For Applus RTD, it is a key aspect that lies behind the company's 70 successful years and its rapid growth. The corporate culture at Applus RTD is characterized by a flat, decentralized structure where decisions are taken at a low level throughout the organization. The company's hands-on approach extends as far as the management, and almost all employees enjoy a direct interface with clients.





A clear client focus

To effectively and responsibly carry out their own individual tasks, Applus RTD people are characterized by a no-nonsense mentality and an ability to empathize with the client and his individual needs. This enables a rapid response to clients' wishes and a focus on the provision of solutions-based answers. Working in this way, at the client's premises, it often means that the only Applus RTD identification that can be seen is on their clothing! The committed policy of integration with and adapting to a client's operations, also supports the aim of always enabling a thorough report to be produced.

From the management team downwards, at Applus RTD a commonsense mentality prevails, where the needs of the client are paramount. The fact that employees take responsibility and are largely autonomous also promotes consistent high quality work... not least because by being in direct contact with clients, they can remain closely involved. The result of this client focused philosophy is that all Applus RTD people are proud to be associated with a leading global player in their specialist world of NDT&I.

From meeting challenges high above the ground to thousands of meters below the sea, Applus RTD specialists are there to ensure the optimal cost-effective, safe and reliable solution.



The world of Applus RTD

Applus RTD is a global leader in all aspects of NDT&I through to Integrity Management. This brochure provides a window into the company's world, and shows how **clients** are optimally served by enhancing the safety, reliability and productivity of their assets.

Against a background of some 70 years in NDT&I operations, Applus RTD has gained an ability to develop **customized solutions** to enhance clients' process performance and assets integrity. The company's flexibility, whatever the challenge or working environment, also helps ensure tailor-made client-based solutions are provided and promises are kept.

Applus RTD's success also relies on its people. Highly motivated and trained specialists who treat today's toughest demands as an experience that can help with the challenges of tomorrow.

Throughout the organization, quality is a byword. Applus RTD standardizes stringent norms in the pursuit of the optimum for processes, **people** and the environment. The same **quality** all over the world.

Quality and innovation are also key factors in the way new **technology** is developed, specialized and successful solutions for special requirements.

At Applus RTD, performance and client commitment, stem from a strong corporate **culture** and a clear focus on needs. At all levels throughout the organization. All over the world.

For more information about the world of Applus RTD, its locations and Business Lines, check our website www.applusRTD.com or contact your nearest Applus RTD address.



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