



Address	811, 8th Floor, 1130 Beoman-ro, Geumcheon-gu, Seoul	President and CEO	Mr. Kang, Sang-won
Website	http://www.orbitech.co.kr/eng/index.php	Number of Employees	399
Person in Charge	Mr. Kim, Tae-gyun	Date of Establishment	March 5, 1991
Affiliation	General Manager, Nuclear Energy Division	Nuclear Sales in 2018 (in Million KRW)	72,000
Office Number	(+82)-2-6250-2249	Business Field	Management and Maintenance
E-mail	ktg69@orbitech.co.kr		/Non Destructive Testing (NDT) / Research and Development/Waste Management

Company Introduction

Since Orbitech Co., Ltd has been dedicated to the best technical service through business diversification based on NDT Business from 1991. In the Nuclear Energy Business, Orbitech provides various technical service as radiation management, radioactive material clearance for nuclear facility, personal dosimeter, I&C (Instrumentation & Control) and ISI (In-Service Inspection) service.

Major Products and Services

- Nuclear Energy Business
 - Radiation management
 - Radioactive Material Clearance
 - Environmental Radioactivity Survey & Analysis with accreditation from KOLAS
 - Dosimetry Service Business
 - Health Physics Instrument Calibration with accreditation from KOLAS regarding KS Q ISO/EC 17025.
- ISI Business
 - Pre-Service/In-Service Inspection (PSI/ISI)
 - ISI : In-Service Inspection
- Aerospace Business

Orbitech Co., Ltd. has a long and stable contract to supply machined precision apparatus and bulkhead assemblies which are main parts of B737 aircraft fuselage for domestic aircraft company in a strategic relationship. We are going to become a specialized company as aircraft part fabricator and bulkhead assembler. In the future, we have a goal to be a global aircraft manufacturer by establishing specialized aircraft system and strengthening the independent sales through acquisition of certification.

Major Business Records, Partners and Markets

- Client : Korea Hydro & Nuclear Power
 - 2019. 10 : All NPPs during Outage
 - 2019. 04 : Wolsong Units 1,2
 - 2016. 05 : Barakah Units 1,2,3,4
 - 2016. 04 : Hanbit Units 1,2
 - 2014. 07 : Hanul Units 5,6
 - 2012. 03 : Wolsong Units 3,4
- Client : KEPCO Nuclear Fuel
 - 2016. 11 : Radiation environmental management.
 - 2014. 10 : Radiation safety management.
 - 2011. 10 : Radiation safety management.
- Radwaste Management, Radioactive Material Measuring Services for Nuclear Facilities
 - 2013. 08 : UF6 cylinder cleaning cycle inspection and Radioactive metal waste disposal.(KNF)
 - 2019. 05 : Environment monitoring equipment calibration and maintenance service for KHNP Environmental Lab.(KHNP)
 - 2018. 11 : Tritium Concentration Measurement Service for Residents around Wolseong Nuclear Power Plant and Control Area(KHNP)
 - 2018. 10 : Material Clearance service for wastes generated during RI management facility(KORAD)
 - 2018. 10 : Environmental Impact Assessment of Nuclear Fuel Material Treatment Facilities(TAEKWANG)
 - 2017. 10 : Material Clearance Service for CCW_Hx for Hanbit NPP(KHNP)
 - 2017. 07 : Material Clearance Service for Petrochemical Plant #3(TAEKWANG)
 - 2016. 11 : Clearance Service for Contaminated Lubricant from NPPs(KHNP)
 - 2016. 03 : Material Clearance Service for Contaminated Metal from Haul NPP(KHNP)

Research & Development

- Client : Korea Institute of Energy Technology Evaluation and Planning
 - 2017. 12 : Development of Portable Radioactive Contamination Monitoring System for Alpha and Beta Dust Source in the Air.
 - 2017. 05 : Development of Management and Radioactivity Measurement System of Standard/Non-Standard Radioactive Waste for Reduction of Very Low Level Radioactive Waste.
 - 2016. 12 : Development of High Precision Measurement Equipment for Wide Energy Neutrons.
 - 2014. 06 : Development of non-acid decontamination Process and system for Cs contaminated soil caused by NPP accident.
 - 2013. 12 : Technology and Development of Radiation Measurement and Inverse Tracking of the Radiation Sources for Improving Radiation safety
- Client : National Research Foundation of Korea.
 - 2017. 04 : Development of the practical technology for the treatment of decommissioning waste of concrete and metal
- Client : Hyundai Engineering
 - 2016. 08 : Radioactive environmental impact assessment.
 - 2013. 05 : Radioactive environmental impact assessment.
- Client : Korea Hydro & Nuclear Power co., LTD - Central Research Institute
 - 2017. 11 : Periodic Safety Review of Kori unit 1 for permanent shut down.
 - 2017. 05 : Secondary Periodic Safety Review of Wolsong units 2,3,4

ISI Service

- Client : Korea Hydro & Nuclear Power Co., LTD

<ul style="list-style-type: none"> - 2019. 08 : ISI for Piping, components & structures of Hanul Units 5,6 - 2019. 05 : ISI for SG Tube ECT of Hanul Units 3,4 - 2018. 11 : ISI for SG Tube ECT of Hanul Units 5,6 - 2018. 04 : ISI for SG Tube ECT of Hanbit Units 3,4 - 2018. 04 : ISI for Piping, components & structures of Hanbit Unit 3 - 2018. 03 : ISI for SG Tube ECT of Kori Unit 2 - 2018. 03 : ISI for Piping, components & structures of Wolsong Units 1,2 - 2017. 11 : ISI for SG Tube ECT of Hanul Units 1,2 - 2016. 10 : ISI for Piping, components & structures of Wolsong Units 3,4 - 2016. 04 : ISI for SG Tube ECT of Hanul Unit 5 - 2016. 03 : In-Core Thimble ECT of Hanul Unit 2 - 2015. 07 : ISI for SG Tube ECT of SinKori Unit 1 - 2014. 10 : ISI for SG Tube ECT of Kori Units 1,2 - 2012. 04 : ISI for SG Tube ECT of ShinKori Unit 3 	<ul style="list-style-type: none"> - 2011. 04 : ISI for SG Tube ECT of Younggwang Units 3,4 - 2011. 01 : ISI for SG Tube ECT of Ulchin Units 3,4 - 2010. 01 : ISI for SG Tube ECT of Younggwang Units 3,4 - 2009. 08 : ISI for SG Tube ECT of Wolsong Units 1,2 - 2008. 10 : ISI for SG Tube ECT of Younggwang Unit 6 - 2008. 09 : Technical Manpower Support on SG ECT of Younggwang Unit 2 - 2009. 04 : Analysis Service of Bruce Unit 8 in U.S.A - 2008. 04 : Analysis Service of Beaver Valley Unit 2 and Bruce Unit 5 in U.S.A - 2010. 01 : SG ECT for Younggwang Units 3,4 - 2009. 08 : SG ECT of Wolsong Units 1,2 - 2008. 10 : SG ECT of Younggwang Unit 6 - 2008. 09 : Technical Manpower Support on SG ECT for Younggwang Unit 2 - 2009. 04 : Analysis Service for Bruce Unit 8 in U.S.A - 2008. 04 : Analysis Service for Beaver Valley Unit 2 and Bruce Unit 5 in U.S.A
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Qualification, Certificates, Patents and Awards

Nuclear Business

- Qualified Supplier for KHNP in radiation management, ISI (SG, Piping, components and structures), PSR (radiation safety and waste management)
- Certificates
 - ISO, OSHAS, KOLAS (Calibration and Testing Lab), NSSC, KCDC
- Patents : acquired 8 patents in last 5 years for nuclear business, and have 44 patents in total
- Awards
 - SME Business Promotion from the Mayor of Seoul (December 2004)
 - Contribution of Ventures from the Prime Minister (October 2007)
 - Green Energy Awards from Ministry of Knowledge Economy (October 2010)
 - Excellent Performance in Radiation Business from Ministry of Science, ICT and Future Planning (September 2015)

Aerospace Business

- AS 9100(Rev.C) examination completion
- AS 9100(Rev.C) Acquirement
- AS 9100(Rev.C) Obtaining certification