

SAE-AN ENGINEERING CORP.

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major business	Radiation Management, Radiation(activity) Measuring Equipment Calibration, Radioactive Material Transportation(spent fuel, low and intermediate level radioactive waste), Radiation Management Business Agency		

SAE-AN ENERTECH CORPORATION is a specialized company in the radiation business, which has been accumulating technology by conducting radiation management for 20 years in various sectors such as industries, research institutes, educational institutions, and medical institutions, including nuclear power plants, and carries out spent fuel transportation of nuclear power plants. We manage our own developed technologies by intellectual property rights(patents) and there are typical commercialization products in the field of radiation management include Neutron Shielding Suits, Oil/Wet Waste Evaporation Separator, Hand and Foot Pollution Monitor, Neutron Shielding Shell which is capable of repair and additional shielding.

Products



Use Reduction of workers' radiation exposure dose in facilities and areas where neutrons exist

Description Optimal neutron shielding effect can be obtained by properly mixing 'Polyethylene', a neutron scatterer, and 'Boron', a neutron absorber.



Use Evaporative separation of oil or water from radioactive waste

Description Consist of liquefaction chamber, evaporator, heating system, cooling system, vacuum pump, valve, and support structure, waste container handling unit, control panel.

Technical Capacity

» Radiation Management

Radiation protection(access control to radiation controlled area, decontamination, radiation(activity) measurement, etc.), radioactive waste management(radioactive waste treatment, local radiation monitoring operation, etc.), health physics(dose reading and worker dose management), quality control, etc

Business scope Light and heavy water reactors, heavy water reactor pressure pipe replacement, light water reactor SG replacement, research institutes and industries, research reactor dismantling

» Radiation(activity) Measuring Equipment Calibration

We provide Measuring Equipment Calibration Services for radiation(activity) measuring equipment used by the public, medical, research institutes and industries as an international calibration institution recognized by the KOLAS(Korea Laboratory Accreditation Scheme), a national technical standards organization

» Radiation Management Business Agency

As a Radiation Management Business Agency, we provide various services such as collection/treatment/disposal of radiation sources used in the various institution, decontamination, leakage inspection, shielding and supervision of radioactive facilities, and licensing