



NORM, MERCURY AND REMEDIATION SPECIALIST.

HydroChemPSC has successfully completed thousands of NORM and mercury remediation and decontamination projects in gas plants, refineries, paper mills, chemical plants and oilfield sites. Our experienced staff, including RSO (Radiation Safety Officers), mercury and remediation specialists use a variety of procedures and specialized equipment to ensure compliance with all state and federal regulatory requirements.

NORM SOLUTIONS – UPSTREAM.

NORM (Naturally Occurring Radioactive Material), is found in virtually every oil and gas production system. Some oil and gas bearing formations contain concentrations of radioactive elements. During processing, these elements are brought to the surface with the produced water and further concentrated. The resulting localized radioactive sources are called TENORM (Technically Enhanced NORM).

SURVEYING & ASSESSMENT SERVICES.

HydroChemPSC maintains a team of RSO specializing in evaluation and assessment. This team is devoted to working with clients to identify potential environmental exposure to radiation sources and providing proper guidance for worker protection.

PROTECTION OF PERSONNEL.

Awareness Training classes geared to minimizing exposure through identification and detection is a key component to protection of employees. HydroChemPSC offers our clients in-depth and critical path sessions that will develop recognition skills and manage NORM exposure.

TECHNOLOGY ADVANCEMENTS

- Hands-free robotic tubular lancing
- Thermal and chemical chelation for both NORM and mercury
- 40,000 PSI automated UHP blasting

SITE MITIGATION AND ON/OFF-SITE DECONTAMINATION CAPABILITIES

- Multi-acre secured facility in Gibson Louisiana – land, water, and rail accessible
- NORM specific licenses in Louisiana and Texas
- Reciprocal agreements available in other states
- Identification, processing, packaging, labeling, manifesting, shipping, and waste management
- Contained and covered decontamination bays
- Waste water minimization through recycling
- No geographical boundaries
- Radioactive Tracer Material Management

HYDROCHEMPSC OFFERS MUCH MORE

Remediation specialists provide a wide range of customized solutions tailored to your business requirements and budget. Our off-site specialists are available to perform detailed assessments of your contaminated area (radioactive and industrial contamination), retrieve appropriate samples for preparation of cost-efficient work plans. This ensures that all regulatory compliance requirements are met.

For more information please e-mail sales@hydrochempsc.com



DOWNSTREAM AND PIPELINE.

Today's NORM concerns have shifted from our now commonplace monitoring "gamma radiation" found in equipment connected with oil and gas production to the detection of lead 210 and polonium 210 closely associated with the natural gas transmission and refining industry. These radiation sources produce "alpha and beta" particles and radon gas that are not detected through conventional external checks.

HydroChemPSC will arm your employees with critical information concerning worker protection and mitigation processes that minimize exposure to potential litigation. This can be achieved through systematic evaluation of your site, development of NORM Management protocol and training.

MERCURY MANAGEMENT.

Mercury occurs naturally in soil and rock throughout the earth's crust and is found worldwide in all hydrocarbons, including oil and gas. Volcanic in nature, mercury exists in the elemental form, as organic and inorganic mercury and as organo-metallic mercury. Within the Upstream and Pipeline arms of the oil and gas industry two compounds typically occur – mercuric sulfide and elemental mercury.

For over 15 years, HydroChemPSC's mercury management professionals have provided safe work policies, practices and procedures to mitigate mercury exposure and liability at client sites.

CONTROLLING EXPOSURE.

Mercury is a neurotoxin, has no smell or taste, it readily adheres to equipment and surfaces and, like NORM, you must sample for mercury to determine if it is present. Given the typical exposure pathways of inhalation, absorption and ingestion – worker protection and safety are paramount. HydroChemPSC is uniquely equipped to test for and monitor mercury levels to provide safe, effective methods for decontaminating mercury impacted equipment.