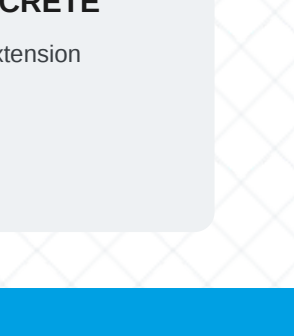
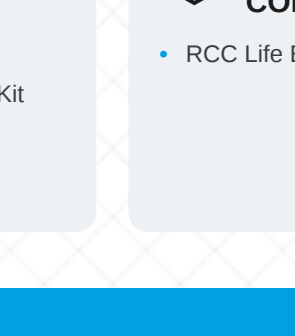


22-STANVAC TURNKEY SERVICES

Best-in-World Solutions. Engineered as Services. Guaranteed by Outcome.

Multi-Technology Integrated Solutions Portfolio - 2026



FIRE & ELECTRICAL

- Cable Survival
- Panel Fire Immunity
- Firestop Barrier
- Dielectric Flooring
- Switchyard / HV Protection
- Transformer Guard
- Battery / UPS Protection



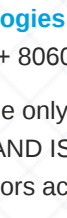
ANTI-CORROSION

- Production Machinery Fast Repainting
- Rusted Asset Recovery
- CS Acid / Marine Protection
- Export Shipment Protection
- GI / Galvanizing Revival
- Energy-Saving Thermal Coating



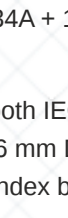
INDUSTRY TURNKEY

- Data Center Uptime
- Solar Farm Protection
- Railway / Metro Traction
- HVAC / Cooling System



COLD REPAIR

- Pipeline Integrity
- Emergency Leak-Stop Kit
- Heat Exchanger Life
- Tankage Rehabilitation



FLOORING & CONCRETE

- RCC Life Extension

ONE VENDOR. ONE WARRANTY. OUTCOMES GUARANTEED.

Stanvac Chemicals India Ltd.



I. FIRE & ELECTRICAL FAMILY

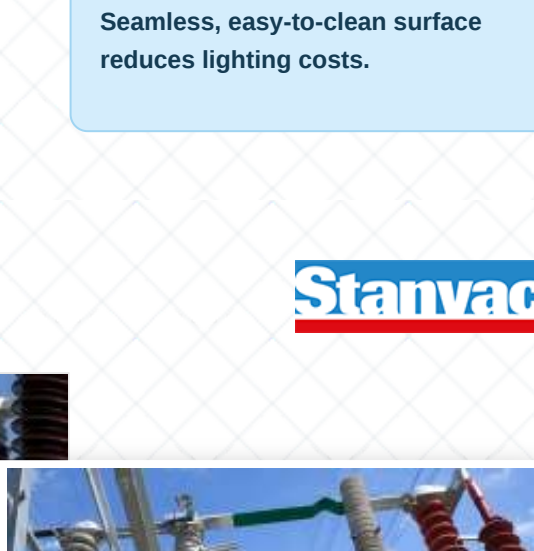
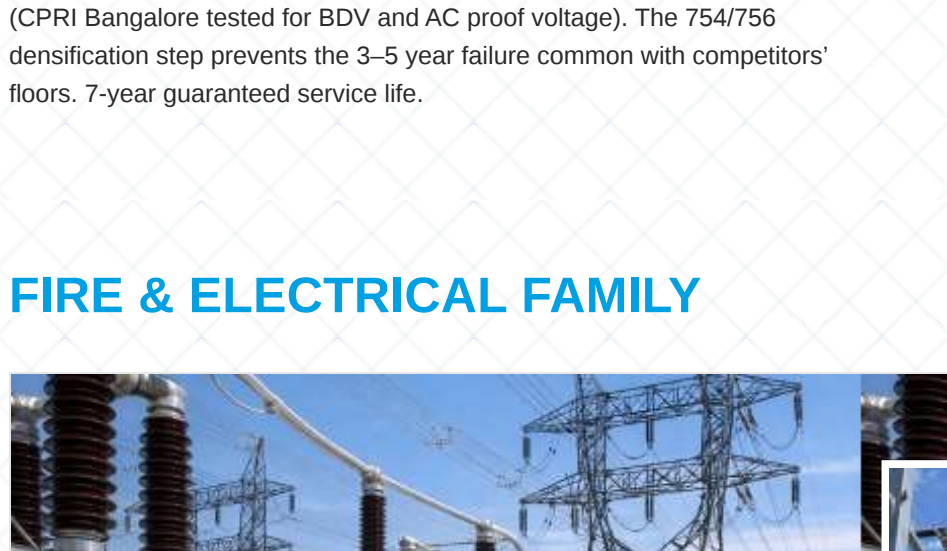


STANVAC CABLE SURVIVAL™

Technologies: Firex EC 43 Survival Grade + 7034A + 1465 Flexiguard SHP + FBS 73 + 8060

USP: The only cable protection system passing both IEC-60331-21 (240 min at 750°C) AND IS 17505-1 (180 min at 950°C) at 1.6 mm DFT — far beyond what competitors achieve. No cable derating. Toxicity index below 1.5. CBRI Roorkee certified.

Benefits: Cables stay functional during and after a fire. Damaged sheathing needs recoating only — no cable replacement. No derating of ratings. Escape routes stay breathable. Globally compliant; production restarts within hours, not months.



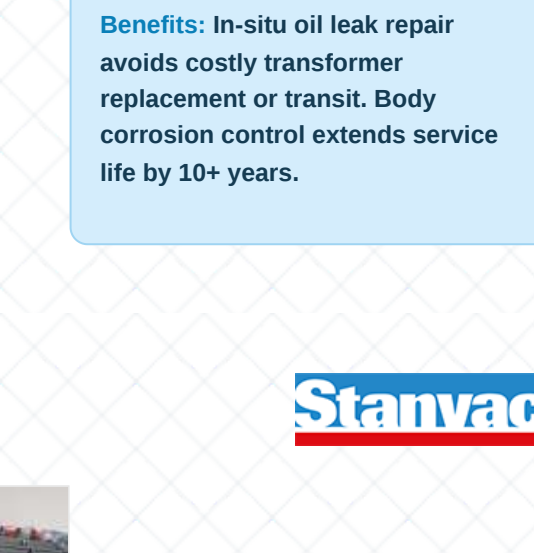
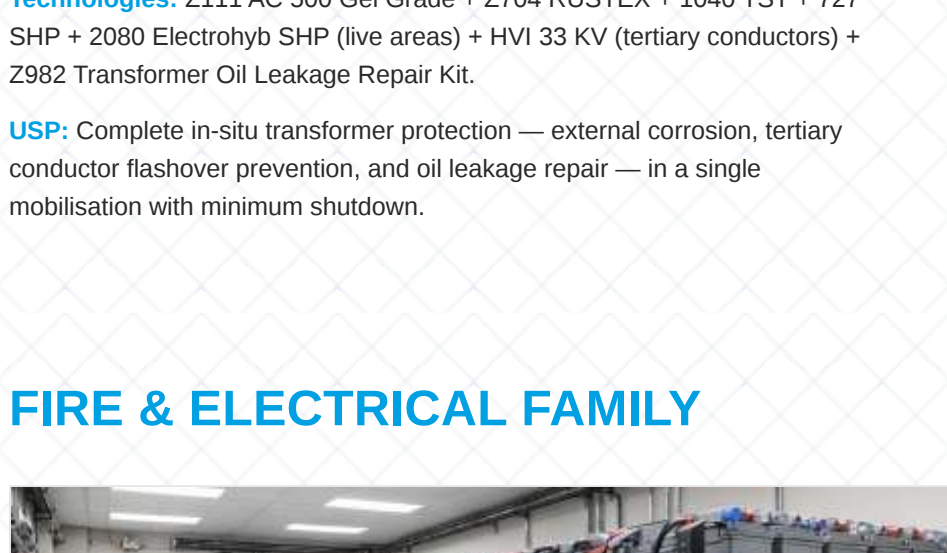
STANVAC PANEL FIRE IMMUNITY™

Technologies: FBS 73 + DC 52 Intumescent Paint + 7034A Fire Suppressant + 2906 Anti-Track SHP + Z931 Bus Bar Insulation + 8060 Safety Solvent + Puf Seal

USP: A four-technology panel defence: seals oxygen entry, stops body paint from fuelling fire, suppresses internal fires, and prevents flashovers.

Benefits: Stops the single biggest cause of industrial electrical fires before it spreads. Protects production lines from cascading failures. Lowers fire-risk insurance premiums and satisfies audit requirements.

FIRE & ELECTRICAL FAMILY

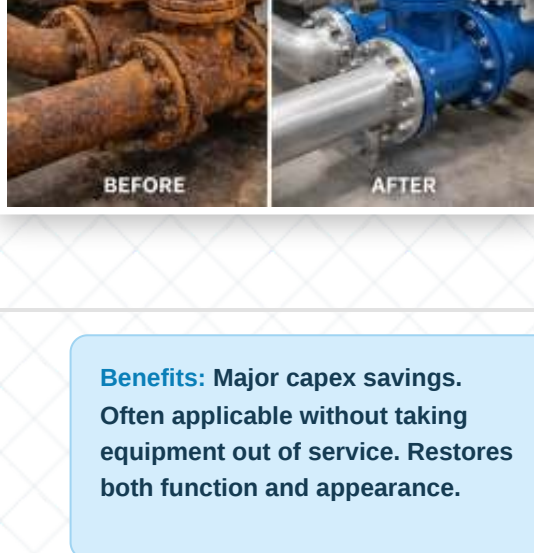


STANVAC FIRESTOP BARRIER™

Technologies: FM 71 Firestop Mortar + FB 250 Mineral Wool Board Hybrid Combo + EC 43 Intumescent Over-coating + FBS 73 Sealant.

USP: India's first hybrid mortar-plus-mineral-wool universal barrier for wall and floor openings — load-bearing, 2-hour rated extendable to 6 hours, retrofittable for new cables. CBRI Roorkee certified to IS 12458, ASTM E 814, UL 1479.

Benefits: Prevents fire and smoke spread between zones. Easy retrofit for adding new cables without breaking the seal. 4-hour rating exceeds most building codes and satisfies global insurance and statutory requirements.



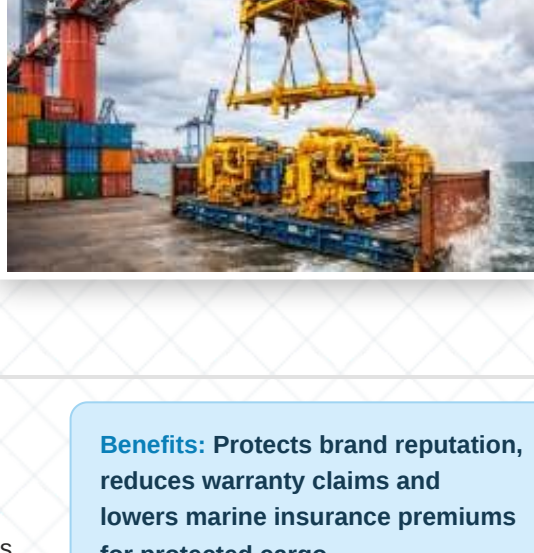
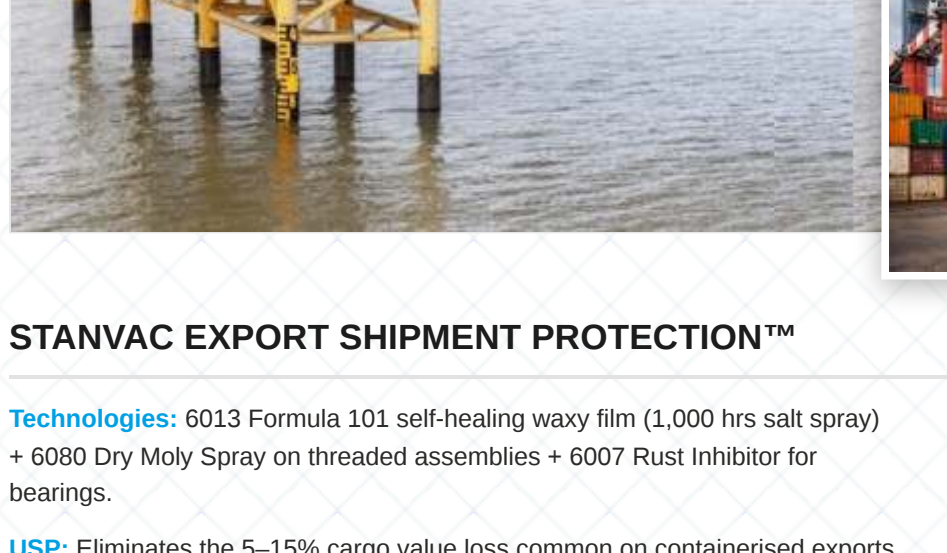
STANVAC DIELECTRIC FLOORING™

Technologies: 750 Stanfloor repair + 754/756 Standard Sealer densification + 1311 Insulokote Class A / B / C.

USP: India's only dielectric flooring meeting all six criteria of IS 15652:2006 (CPRI Bangalore tested for BDV and AC proof voltage). The 754/756 densification step prevents the 3–5 year failure common with competitors' floors. 7-year guaranteed service life.

Benefits: Eliminates operator electrocution risk. Legally audit-proof under IS 15652:2006. Seamless, easy-to-clean surface reduces lighting costs.

FIRE & ELECTRICAL FAMILY

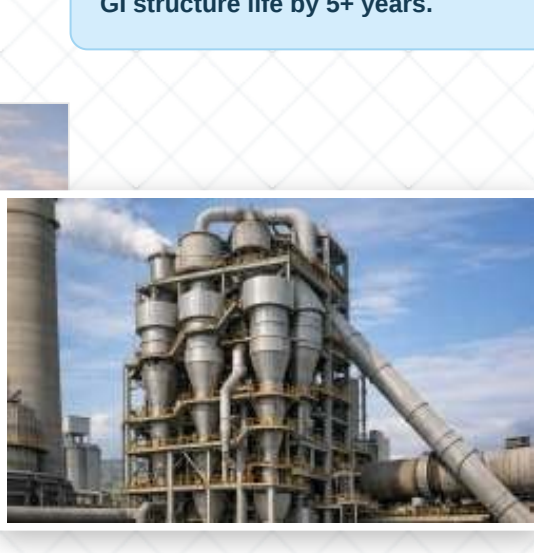


STANVAC SWITCHYARD / HV FLASHOVER PROTECTION™

Technologies: HVI 33 KV + Z931 Stripex (2 KV and 11 KV) + Z955 Stripex SL silicone tape + Z906 Provar + 8078 DGCS Dry Graphite + Z118 EQC-10 + Z112 Acidfoam + Super 230 SF6 leak detection spray + SL-ECG #2 contact grease + 8060 Safety Solvent.

USP: Eliminates flashovers from monkeys, birds, kite threat, fog and pollution. CPRI-tested BDV greater than 76 KV on 242 sq mm copper catenary wire.

Benefits: Near-zero flashover incidents reduce transformer stresses, avoid statutory outage penalties and protect grid reliability commitments.



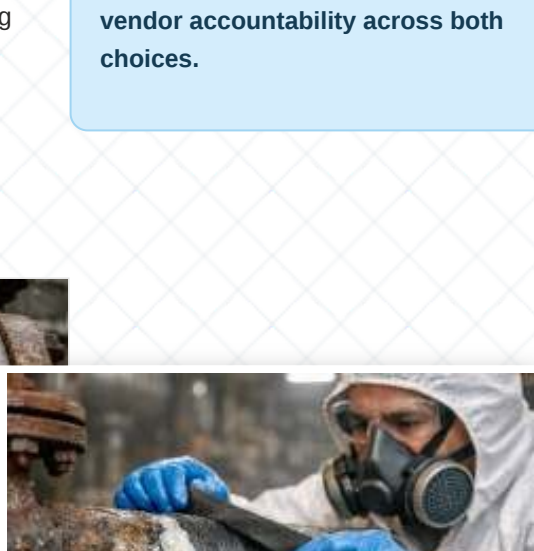
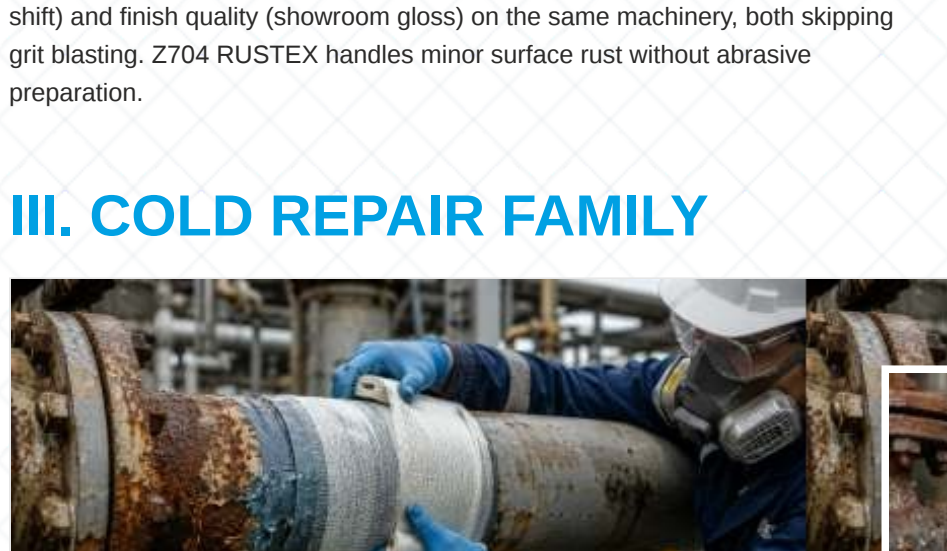
STANVAC TRANSFORMER GUARD™

Technologies: Z111 AC 500 Gel Grade + Z704 RUSTEX + 1040 TST + Z27 SHP + 2080 Electrohyb SHP (live areas) + HVI 33 KV (tertiary conductors) + Z982 Transformer Oil Leakage Repair Kit.

USP: Complete in-situ transformer protection — external corrosion, tertiary conductor flashover prevention, and oil leakage repair — in a single mobilisation with minimum shutdown.

Benefits: In-situ oil leak repair avoids costly transformer replacement or transit. Body corrosion control extends service life by 10+ years.

FIRE & ELECTRICAL FAMILY



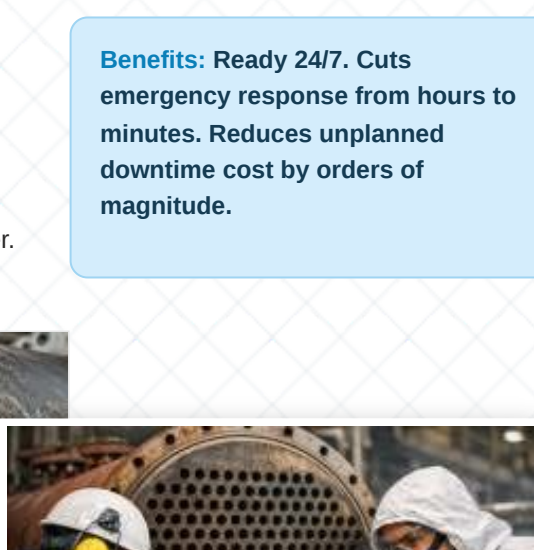
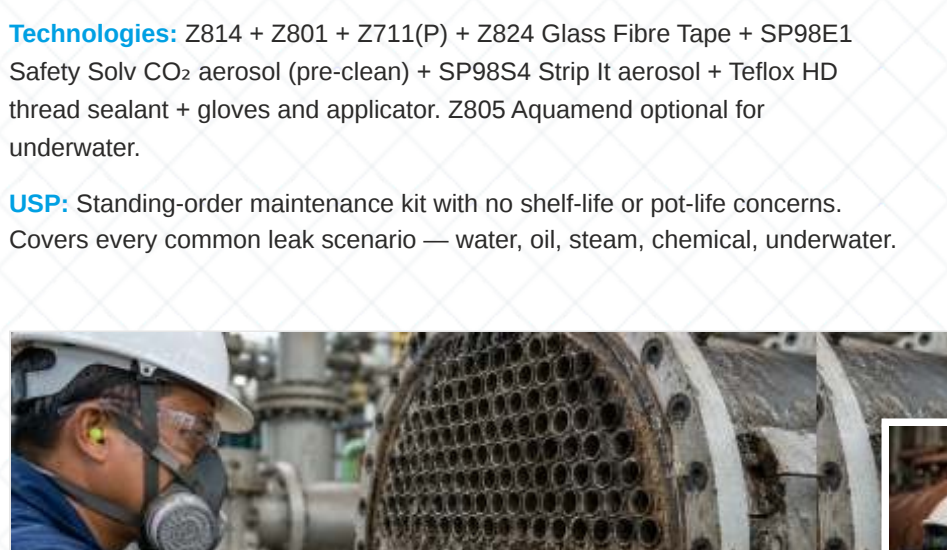
STANVAC BATTERY / UPS BANK PROTECTION™

Technologies: Z911 Corroclean SP foam cleaner + 6006 Battery Terminal Waxy Coating + 8078 DGCS Dry Graphite + SL-ECG #2 Electrotherm synthetic contact grease.

USP: Prevents sulfation, terminal corrosion and overheating. 12-month warranted protection without terminal dismantling.

Benefits: Doubles battery service life. Ensures backup power reliability for critical operations — avoids catastrophic UPS failure cost during a mains outage.

II. ANTI-CORROSION FAMILY



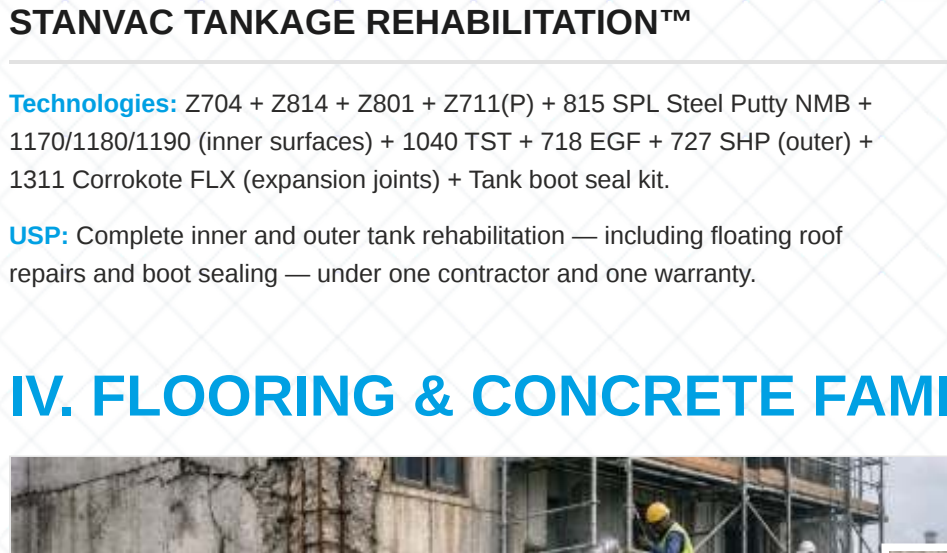
STANVAC RUSTED ASSET RECOVERY™

Technologies: Z111 AC 500 Gel Grade + Z704 RUSTEX + 1040 TST NMB primer + Z27 SHP topcoat.

USP: Recovers severely rusted assets otherwise headed for scrap — 2,000+ hours SHP on previously corroded substrates. The Z111 + Z704 preparation system is globally unique.

Benefits: Major capex savings. Often applicable without taking equipment out of service. Restores both function and appearance.

ANTI-CORROSION FAMILY

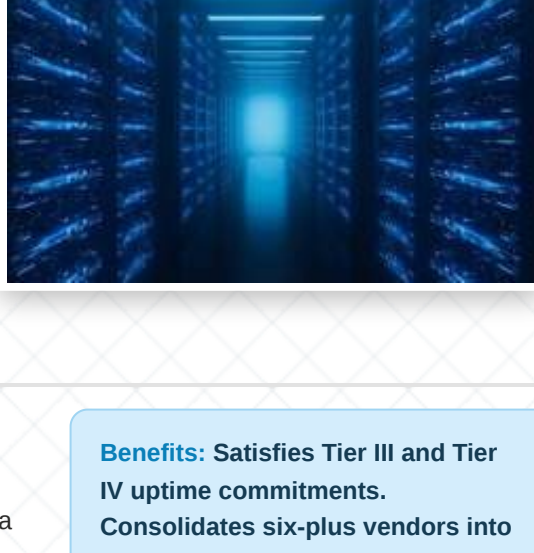


STANVAC C5 ACID / MARINE PROTECTION™

Technologies: Z111 AC 500 Gel Grade + Z704 Rustex + 1040 TST + Z18 EGF Novolac with glass flake + Z27 SHP.

USP: 3,000+ hours salt spray plus 6-month immersion resistance in 98% H₂SO₄ and 33% HCl. NMB, glass flake and SHP technologies combined in one system.

Benefits: Performs in the most aggressive C5 environments: coastal, marine and acid plant. Replaces multiple individual coats. Longer service intervals between repaints.



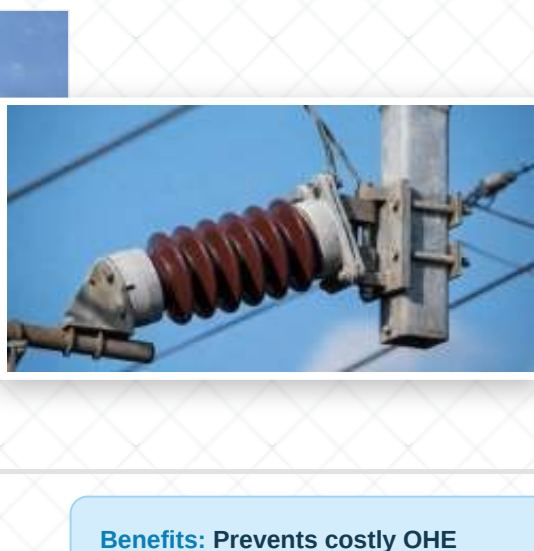
STANVAC EXPORT SHIPMENT PROTECTION™

Technologies: 6013 Formula 101 self-healing waxing film (1,000 hrs salt spray) + 6080 Dry Moly Spray on threaded assemblies + 6007 Rust Inhibitor for bearings.

USP: Eliminates the 5–15% cargo value loss common on containerised exports to humid regions. 10-year indoor and 5-year outdoor protection for machinery in transit, spares, dies and moulds.

Benefits: Protects brand reputation, reduces warranty claims and lowers marine insurance premiums for protected cargo.

ANTI-CORROSION FAMILY

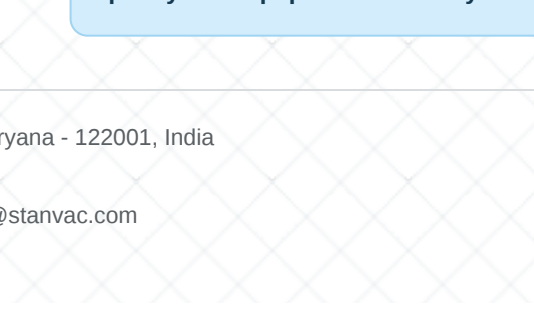
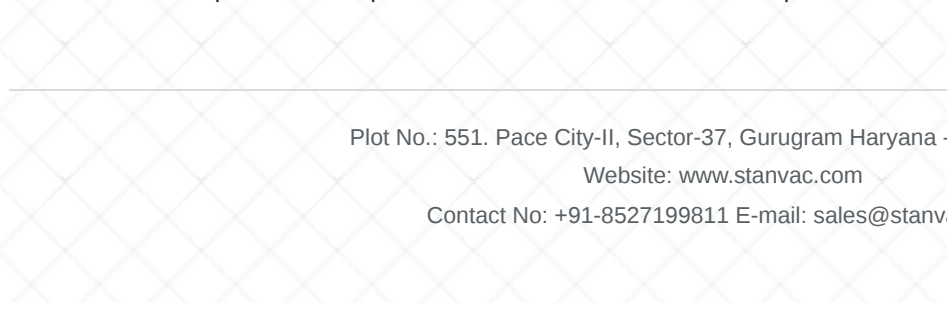


STANVAC GI / GALVANIZING REVIVAL™

Technologies: 7007 Cold Galvanizing, 7009 Compound SHP (95% zinc with SHP layer) + Z27 SHP.

USP: The only cold galvanizing system combining 95% zinc cathodic protection with SHP dust and moisture repellency — the longest-term field-applied GI touch-up available.

Benefits: Restores galvanizing in the field without dismantling — avoids the major cost of tower, pole or structure replacement. Extends energy structure life by 5+ years.



STANVAC ENERGY-SAVING THERMAL COATING™

Technologies: ES 70 2K silicon co-polymer ceramic insulation coating (ambient cure, up to 600°C).

USP: Microscopic air-filled ceramic particles in a premium silicon co-polymer matrix deliver measurable temperature differentials in thin films. Ambient cure — no post-heating required. Minimum 2x service life vs conventional high-temp paint.

Benefits: Measurable kWh and energy bill reduction on every hot surface coated. No shutdown for post-heating.

ANTI-CORROSION FAMILY

STANVAC PRODUCTION MACHINERY FAST REPAINTING™

Technologies: Mandatory preparation: Z111 AC 500 Gel Grade + Z704 RUSTEX. Then either: (A) Fast-Drying — 2050 Polyhyb SHP (500+ hrs salt spray, 2+ year life); or (B) High-Gloss — Z27 Standard HP-PLPU SHP.

USP: Any system offering a choice between speed (back to production same shift) and finish quality (showroom gloss) on the same machinery, both skipping grit blasting. Z704 RUSTEX handles minor surface rust without abrasive preparation.

Benefits: Cuts production-line downtime from days to hours. Both options avoid the cost and disruption of grit blasting. Single-vendor accountability across both choices.

III. COLD REPAIR FAMILY

STANVAC PIPELINE INTEGRITY™

Technologies: Z814 syringe instant plug + Z801 Faststick Stick + Z711(P) paste overlay + Z824 glass fibre tape + 944 Synthoglass Wrap NMB + 1040 TST + Z27 SHP final overcoat.

USP: ASME PCC2 compliant cold repair plus restrengthening plus long-term anti-corrosion in one mobilisation. Withstands 45 kg pressure; applicable to wet surfaces. Globally unique four-product cold-repair stack.

Benefits: Emergency repair without hot work or shutdown. Saves the cost and downtime of pipe replacement.

COLD REPAIR FAMILY

STANVAC EMERGENCY LEAK-STOP KIT™

Technologies: Z814 + Z801 + Z711(P) + Z824 Glass Fibre Tape + SP98E1 Safety Solv CO₂ aerosol (pre-cure) + 1040 TST + Z27 SHP (final overcoat) + Teflon HD thread sealant + gloves and applicator. Z805 Aquamend optional for underwater.

USP: Standing-order maintenance kit with no shelf-life or pot-life concerns. Covers every common leak scenario — water, oil, steam, chemical, underwater.

Benefits: Ready 24/7. Cuts emergency response from hours to minutes. Reduces unplanned downtime cost by orders of magnitude.

STANVAC HEAT EXCHANGER LIFE™

Technologies: Z814 + Z801 (emergency tube plugging) + Z118 EQC-10 descaling + 1170 NMB Ceramic-Metal Rebuild Putty + Z711(P) crack filling + 1180 NMB Ceramic Coat + 1190 Flow Surfacing + ES 70 2K thermal insulation.

USP: Descal, rebuild tube sheets, restore flow efficiency and insulate in one mobilisation — measurable heat transfer KPI improvement quantifiable in energy bill savings. The Z711(P) + 1170 + 1180/1190 layering is unmatched.

Benefits: Tube sheet rebuilding saves 50–70% vs replacement. Extends service intervals 2–3x. Shorter planned shutdown durations.

COLD REPAIR FAMILY

STANVAC TANKAGE REHABILITATION™

Technologies: Z704 + Z814 + Z801 + Z711(P) + 815 SPL Steel Putty NMB + 1170/1180/1190 (inner surfaces) + 1040 TST + Z27 SHP (outer) + 1311 Corrocrete FLX (expansion joints) + Tank boot seal kit.

USP: Complete inner and outer tank rehabilitation — including floating roof repairs and boot sealing — under one contractor and one warranty.

Benefits: Avoids the major capex of tank replacement. Faster return to service. Single point of accountability for every aspect.

IV. FLOORING & CONCRETE FAMILY

STANVAC RCC LIFE EXTENSION™

Technologies: 756 Stanfloor primer + 750 Stanfloor repair + 753 Anti-Carbonation Densifying Coating + 1311 Corrocrete FLX (expansion joints) + Z27 SHP.

USP: Penetrative densification with anti-carbonation barrier prevents moisture ingress, restrengthenes RCC, and stops algae and fungus growth. Minimum 3–5 years warranted protection life.

Benefits: Restores strength, appearance & weather-resistance. Critical for coastal monsoon-prone structures & industrial survivals — protects against rebar corrosion and concrete spalling.

V. INDUSTRY-SPECIFIC TURNKEY SERVICES

STANVAC DATA CENTER UPTIME™

Technologies: Cable Survival + Panel Fire Immunity + Firestop Barrier + Dielectric Flooring + Transformer Guard + Battery / UPS Bank Protection.

USP: End-to-end fire survival and electrical reliability for Tier III and Tier IV data centres — the only single-vendor offer combining IEC-60331-21 cable survival with IS 15652:2006 dielectric flooring.

Benefits: Satisfies Tier III and Tier IV uptime commitments. Consolidates six-plus vendors into one. Insurance-grade global certifications keep colocation and hyperscale customers confident.

STANVAC SOLAR FARM PROTECTION™

Technologies: DC Cable Survival (EC 43) + HVI 33 KV (inverter-side and combiner boxes) + 7007 Cold Galvanizing SHP (module mounting structures) + 2050 SHP (tracker frames) + 2080 Electrohyb SHP dielectric coating + Transformer Guard.

USP: The only integrated steel engineered against the DC arc-fire failure mode — EC 43 cable survival, HVI 33 KV insulation, 2080 Electrohyb SHP and Cold Galvanizing across the full asset perimeter.

Benefits: Prevents DC arc fires (insurance-mandated in EU and US markets). Extends module mounting structure life by 15+ years. Reduces inverter and transformer maintenance frequency.

INDUSTRY-SPECIFIC TURNKEY SERVICES

STANVAC RAILWAY / METRO TRACTION™

Technologies: HVI 33 KV catenary insulation (CPRI tested BDV > 76 KV on 242 sq mm copper) + Z955 Stripex SL silicone tape + Cable Survival + 7007 Cold Galvanizing (GI structures) + 2080 Electrohyb SHP dielectric coating + Dielectric Flooring (traction substations).

USP: Prevents flashovers on 25 KV and 33 KV AC traction lines from monkeys, birds, kite threat and pollution. Complete traction substation fire protection in the same scope.

Benefits: Prevents costly OHE flashovers that delay trains and erode passenger trust. Extends catenary insulator service life. Compliant with RDSO and global metro standards.

STANVAC HVAC / COOLING SYSTEM SERVICE™

Technologies: Z102 Cleanaire 1200 (paint and aluminium safe coil cleaner) + Acid Foam (copper coil scale) + 1040 TST + Z27 SHP (casings) + SL WPG Aquatherm grease (cooling tower pumps) + 944 Synthoglass Wrap (cooling water piping repairs).

USP: Single contractor for chiller, AHU, cooling tower and condenser maintenance — replaces 4–5 separate vendors with one Stanvac scope.

Benefits: Improved cooling efficiency delivers measurable energy savings. Extends chiller, AHU and cooling tower service life. Cleaner coils improve indoor air quality and equipment reliability.