

# Stanvac®

*"Best in World"*

## 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
- C5 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 + Z906 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 Stangard Sealer densification + 1311 Insulkote 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.



## STANVAC SWITCHYARD / HV FLASHOVER PROTECTION™

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

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

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



## STANVAC TRANSFORMER GUARD™

**Technologies:** Z111 AC 500 Gel Grade + Z704 RUSTEX + 1040 TST + 727 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 + 727 SHP topcoat.

**USP:** Recovers severely rusted assets otherwise headed for scrap — 2,000+ hours salt spray 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

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## STANVAC C5 ACID / MARINE PROTECTION™

**Technologies:** Z111 AC 500 Gel Grade + Z704 Rustex + 1040 TST + 718 EGF Novolac with glass flake + 727 SHP.

**USP:** 3,000+ hours salt spray plus 6-month immersion resistance in 98% H<sub>2</sub>SO<sub>4</sub> 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 waxy 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**<sup>®</sup>



## STANVAC GI / GALVANIZING REVIVAL™

**Technologies:** 7007 Cold Galvanizing, 7009 Compound SHP (95% zinc with SHP layer) + 727 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 GI structure life by 5+ years.



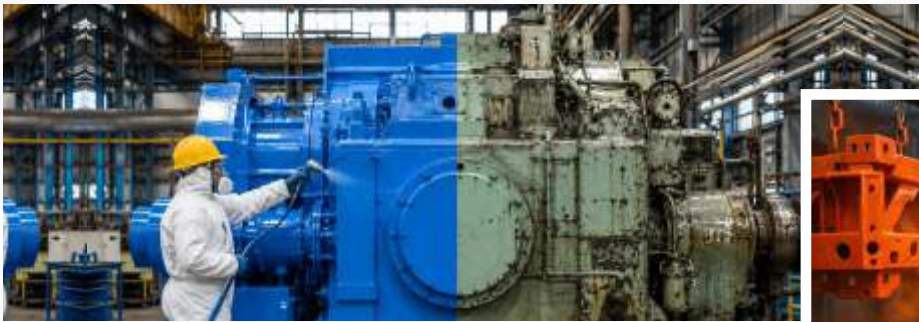
## STANVAC ENERGY-SAVING THERMAL COATING™

**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 – 727 Stangard HP-PLPU SHP.

**USP:** Only 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 Faststeel Stick + Z711(P) paste overlay + Z824 glass fibre tape + 944 Synthoglass Wrap NMB + 1040 TST + 727 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 CO<sub>2</sub> aerosol (pre-clean) + SP98S4 Strip It aerosol + Teflox 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:** Descale, 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 + 718 EGF + 727 SHP (outer) + 1311 Corrokote 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 Corrokote FLX (expansion joints) + 727 SHP.

**USP:** Penetrative densification with anti-carbonation barrier prevents moisture ingress, restrengthens 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 stack 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**®



## STANVAC RAILWAY / METRO TRACTION™

**Technologies:** HVI 33 KV catenary insulation (CPRI tested BDV > 76 KV on 242 sq mm copper) + Z955 Strippex 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 thread 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 + 727 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.