



Pravin Khanna Profile

Pravin has his Electrical Engineering degree from India and his MBA from the US. He has 25+ years of experience in power, distribution, and specialty transformer industry. This includes all facets of *Core Form* design, shell and shunt reactors in new and repair manufacturing, inspection, field service, failure analysis, core and winding expertise in core and shell type transformers.

Deep knowledge of new and repair power transformers, shunt reactors, furnace transformers including sheet, circular and shell type windings.

Worked as a transformer specialist in all aspects of transformer assembly in factory and site. Served in management for over 20 years including from factory Floor Supervision to Operations, quality, and business manager.

Experience with GE, Westinghouse, Asea, ABB, ELCO, Ferranti Packard and more transformer designs and technologies up to 400 KV.

Worked as key project leader in development of core and semi-automatic winding machines.

Global product manager for onsite transformer repairs, developed processes and market for onsite repair for large and medium transformers globally.

10+ years' experience working in transformer repair; including reverse engineering, finding probable root cause of failure, as well as upgrading and repairing transformers and reactors.

Focused Areas of Expertise:

- OEM Factory Qualification
- Core & Coil Assembly Inspections
- Pre-tanking Inspections
- Internal Inspections and Condition Assessment
- Field Failure Analysis
- Manufacture Process Witness

WORK HISTORY:

ABB India

1991 – 1995 – *Production specialist for winding and assembly 132-220KV class*

ABB Geneva, Switzerland

1995 - 1996 – Special team member for 400KV power and furnace transformers

ELCO, Israel

1996-2000 – Transformer technician and specialist for core type transformer up to 400KV

ABB INC/Power Products Transformers Guelph, Canada

2000-2007 – Manufacturing and repair production manager for windings core and coil assembly

ABB INC/Power products, St Louis

2007-2011 – Business Manager for transformer repairs for North America

ABB INC Global

2011-2016 – Global product manager for Trafositerepair/Onsite repair of large and medium power and specialty transformers.

ABB Global

2016-2020 Transformer online monitoring and asset health manager

Languages

English, Hindi, Hebrew