

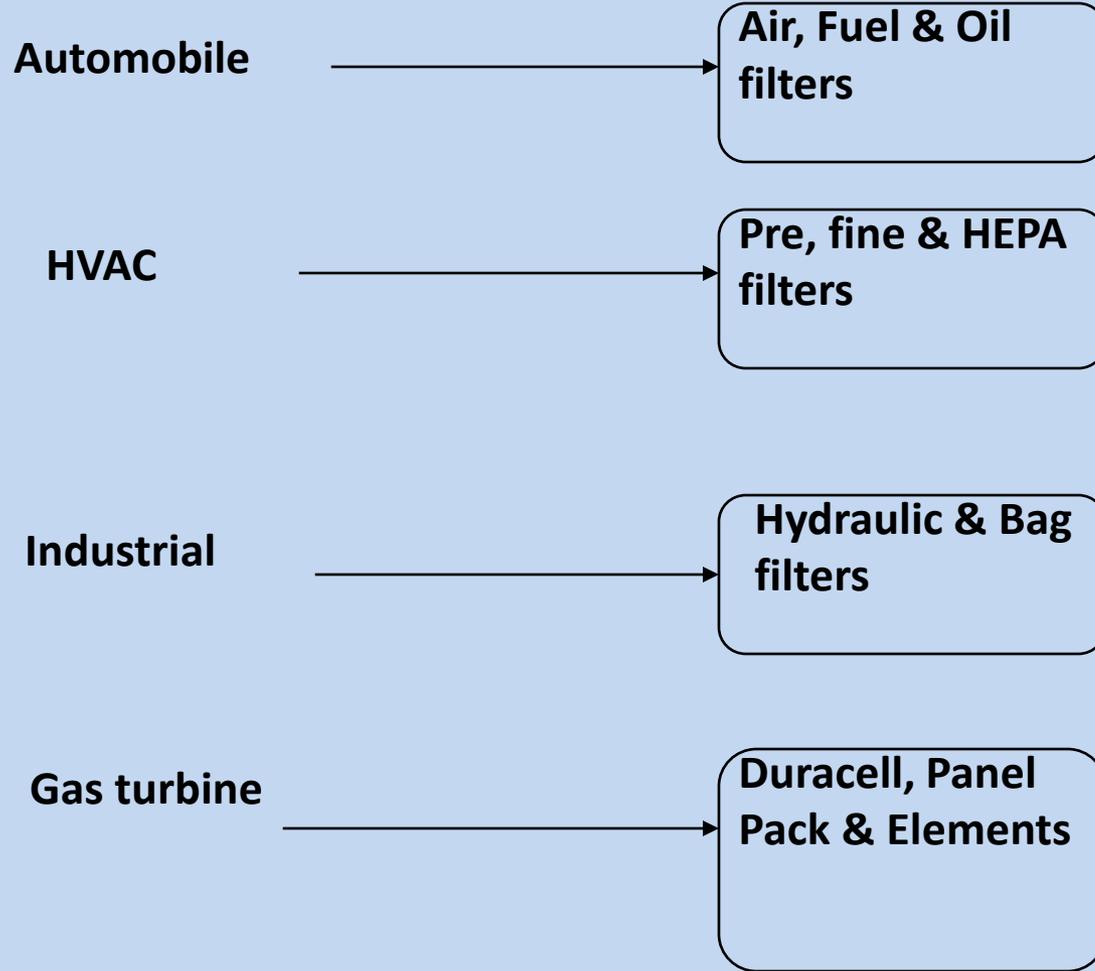


## FOUNDATION TO SERVE

Founded in the year 1997 as a manufacture of filter machines, **Kanwal Enterprises** prides to cater its excellent quality of all types of filter application machines in domestic as well as in international market. We also export SPM (Special Purpose Machines) for Industrial, Automotive, Gas Turbine, HEPA filter manufacturing and their testing equipment . We also manufactures machines for Artificial jewelry. We under take designing & development of special purpose machines as per customer needs.

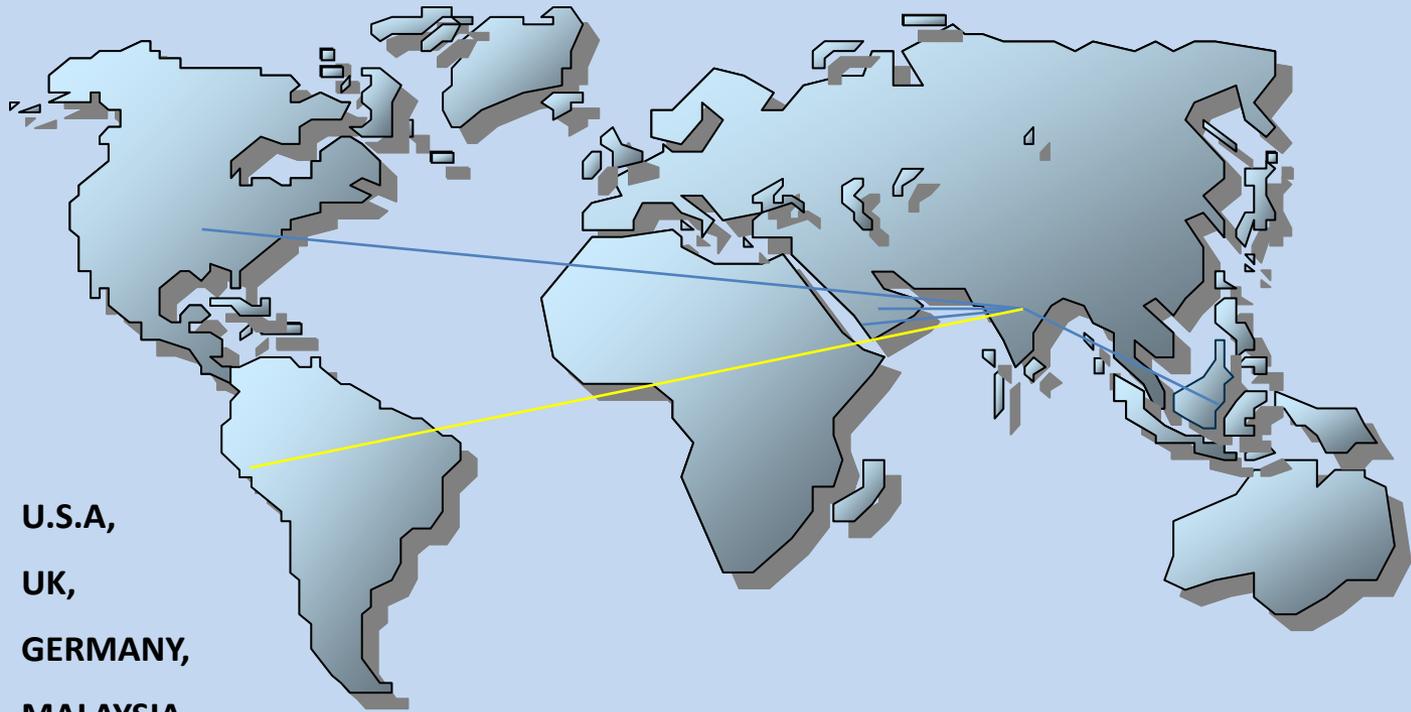


## SEGMENTS





## Serve world wide in countries



**U.S.A,**

**UK,**

**GERMANY,**

**MALAYSIA,**

**POLAND ,**

**ABU DHABI,**

**SAUDI ARABIA,**

**OMAN,**

**DUBAI**

**PERU , ..... and more on**

**KENYA**

**BANGLA DESH**

**KAZAKISTAN**

**RUSSIA**

**TANZANIA**



# MACHINES FOR AUTOMOTIVE FILTERS MANUFACTURING & TESTING





## CUSTOMERS FOR AUTOMOTIVE FILTERS

M/s Bosch India Ltd. Bangalore  
M/s Donaldson India Filter system Pvt. Ltd. Gurgaon  
M/s Fleetguard Filter Pvt Ltd. Pune  
M/s Almutalak Filter Co. Jeddah  
M/s K & N Engineering USA  
M/s Hengst- Luman India Pvt Ltd.  
M/s Unifilters Pvt. Ltd. Kenya  
M/s Mann & Hummel Pvt Ltd. Timkur  
M/s Parker Hannifin India Pvt. Ltd, Chennai  
M/s Sogefi MNR Engine Systems India (P) Ltd- Bangalore  
M/s Mikroflo filters Pvt. Ltd. Hyderabad.  
M/s John Fowler Ltd. Bangalore.  
M/s Purolators (I) Ltd. Parwanoo.  
M/s Mahle (I) Ltd Gurgaon  
M/s Mahle India Ltd, Pune  
M/s Viking Filters & Automotive Pvt. Ltd. New Delhi.  
M/s Polymer Papers Ltd. Faridabad.





- M/s Mag filters& Equipments Pvt.Ltd. Gurgaon
- M/s Karnataka Electronics. Bangalore.
- M/s Luman Auto Industries New Delhi
- M/s BNB auto Industries New Delhi
- M/s Delphi Automotive Systems Pvt. Ltd. Noida.
- M/s INCA Radiant Engineering Industries Chennai
- M/s UFI filters Pvt. Ltd. Bawal
- M/s LucasTVS PVT. Ltd. Rudrapur
- M/s Anushika Industries Rudrapur
- M/s Matru Industries Vadodra
- M/s Aminfeild Filters Pvt Ltd. Ahemdabad
- M/s Elofic Industries ltd. Faridabad
- M/s GRP Group- Khazakhstan
- M/s GFF Filters- Dubai
- M/s Ranee Polymers Pvt.Ltd Gurgaon
- M/s Luboil filtration system Pvt. Ltd. Gurgaon
- M/s Siriram Filtration Pvt. Ltd. Mumbai
- M/s NTFI Nalagarh
- M/s Multitech Filtration. New Delhi
- M/s Vikrant Engineering Works, Kolkotta
- M/s Sandhar Daewha Automotive System Gurgaon
- M/s GuruDave Industries New Delhi
- M/s Novares India Automotive Pvt. Ltd, Chennai
- 





## Automotive filter manufacturing machines.

- Rotary Pleating machine
- Rotary pleating with hot melt sealing at the edges.
- Knife pleating machine (w-type).
- Knife pleating machine.
- Marking machine
- Pleat edge cutting
- Paper Pack Cutting
- Angular pack cutting machine
- Paper edge clipping machine
- P.U. dispensing machine
- Hot Melt Sealing machine
- Hot plate for end cap curing
- Rotary Hot Plate
- CAV coil type filter machine.
- Tube rolling machine
- Assembly station with conveyors
- Adhesive dispenser
- Pre curing oven
- Spin on filter coating machine



- Ultra Sonic Welding machine
- Cloth filter coiling machine
- Screen printing machine
- Paper burst strength testing machine
- Wire clamp production machine
- Cloth filter assembly fixtures
- Leakage testing machine.
- Fuel filter coiling machine
- Oil filter thread winding machine (caterpillar)
- Relief valve opening test rig.
- Anti Drain test
- Impulse test equipment
- Fuel filter test equipment
- Bubble test equipment.
- Max. pore mean pore test equipment
- Air filter test rig.
- Batch curing oven
- Angular pack cutting machine
- Particle Retention Testing Machine
- Water Separation Testing machine



## ROTARY PLEATING M/C (DIMPLE)





## ROTARY PLEATING MACHINE ( High speed)





## ROTARY PLEATING M/C (PLAIN)





## ROTARY PLEATING M/C (EMBOSSED)





# ROTARY PLEATING WITH HOT MELT SEALING AT THE EDGES





## PLEATED PACKS





## KNIFE PLEATING MACHINE (W-TYPE) MULTI LAYERED MEDIA PLEATING





# HIGH SPEED AUTOMATIC KNIFE PLEATING MACHINE



# High speed programmable pleating machine



# Pleating with unwinder & online slitter



# Pleating machine





# KNIFE PLEATING MACHINE 5-50X1000MM





## HYDRAULIC FILTER PACKS





# KNIFE PLEATING MACHINE MULTI LAYERED WIRE MESH PLEATING





## KNIFE PLEATING WITH CONVEYOR





# KNIFE PLEATING WITH MARKING & CUTTER

ON-LINE





# KNIFE PLEATER 10-100MM





# BLADE PLEATER WITH ON LINE SLITTER





## MARKING MACHINE





## PAPER EDGE CUTTING MACHINE



# Edge cutting m/c



# Filter paper edge V clipping machine



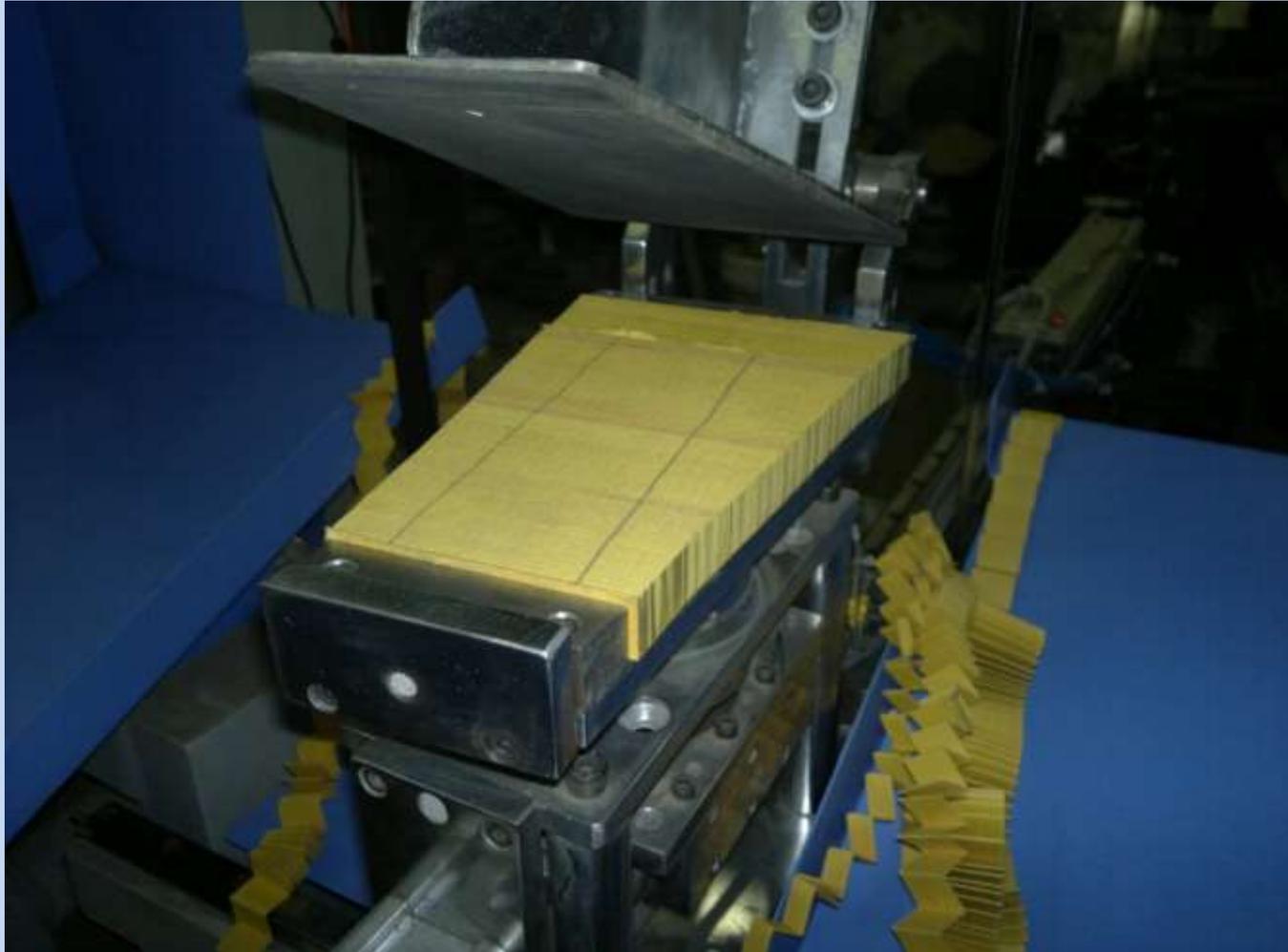


## PAPER PACK CUTTING M/C





## PACK AFTER ANGULAR CUTTING





## PROFILE PACK CUTTING MACHINE





## PAPER EDGE CLIPPING M/C 500MM





# Clipping machine with touch panel





## ADHESIVE DISPENSER WITH TURN TABLE





# ADHESIVE DISPENSER WITH SHOWER HEAD









# PU DISPENSING MACHINE





# X Y TABLE





## HOT PLATE FOR END CAP BONDING





## ROTARY HOT PLATE





# FILTER ELEMENT MANUFACTURING





# FILTER ELEMENT MANUFACTURING





## STATIONARY/ BATCH CURING OVEN





## CURING OVEN





## CURING OVEN





# Fuel filter assly line







## Hot melt applicator for filters







# Tube rolling machine





# SEAMING MACHINE





# LEAK TESTING MACHINE





# LEAK TESTING MACHINE





## SCREEN PRINTING





# CAV COIL TYPE FUEL FILTER MACHINE





## CLOTH COILING FUEL FILTER MACHINE





# Adhesive Dispensing to cap edge





## TUBE ROLLING MACHINE





## FILTER BOWL CUTTING MACHINE









## Multi station Hot plate





# FILTER TESTING

EQUIPMENTS



# PAPER BURST STRENGTH TESTER ANALOG TYPE





# PAPER BURST STRENGTH TESTER DIGITAL DISPLAY





## RELIEF VALVE OPENING & ANTI DRAIN TEST RIG









# FULLY DIGITAL OIL FILTER TEST RIG





## BUBBLE TEST EQUIPMENT





## FUEL FILTER TEST MACHINE





# Industrial filter Bubble test equipment





## OIL FILTER TEST RIG





## Max. Pore & mean Pore test equipment





## IMPULSE TEST RIG





## BURST TEST EQUIPMENT





## AIR PERMEABILITY TESTER





# Collapse test rig





# PARTICLE RETENTION TESTING MACHINE (13353)





## WATER SEPARATION TESTING MACHINE





## AIR FILTER TEST RIG





# FILTER MEDIA TESTING MACHINE





FILTER MEDIA  
TESTING  
BASED ON JIS  
VDI 3926  
ISO 11057  
ASTM 2008  
STANDARD

# Fully computerized Air filter test rig





## DUST FEEDER





## DUST FEEDER





## DUST FEEDER





## ASHRAE DUST FEEDER





## FILTER COLLAPSE TESTING MACHINE





# RV AND ANTI DRAIN TESTING MACHINE





# PRESSUR DROP TESTING MACHINE



# Filter end cap pull and Crushing test equipment





**METAL FREE FILTER**

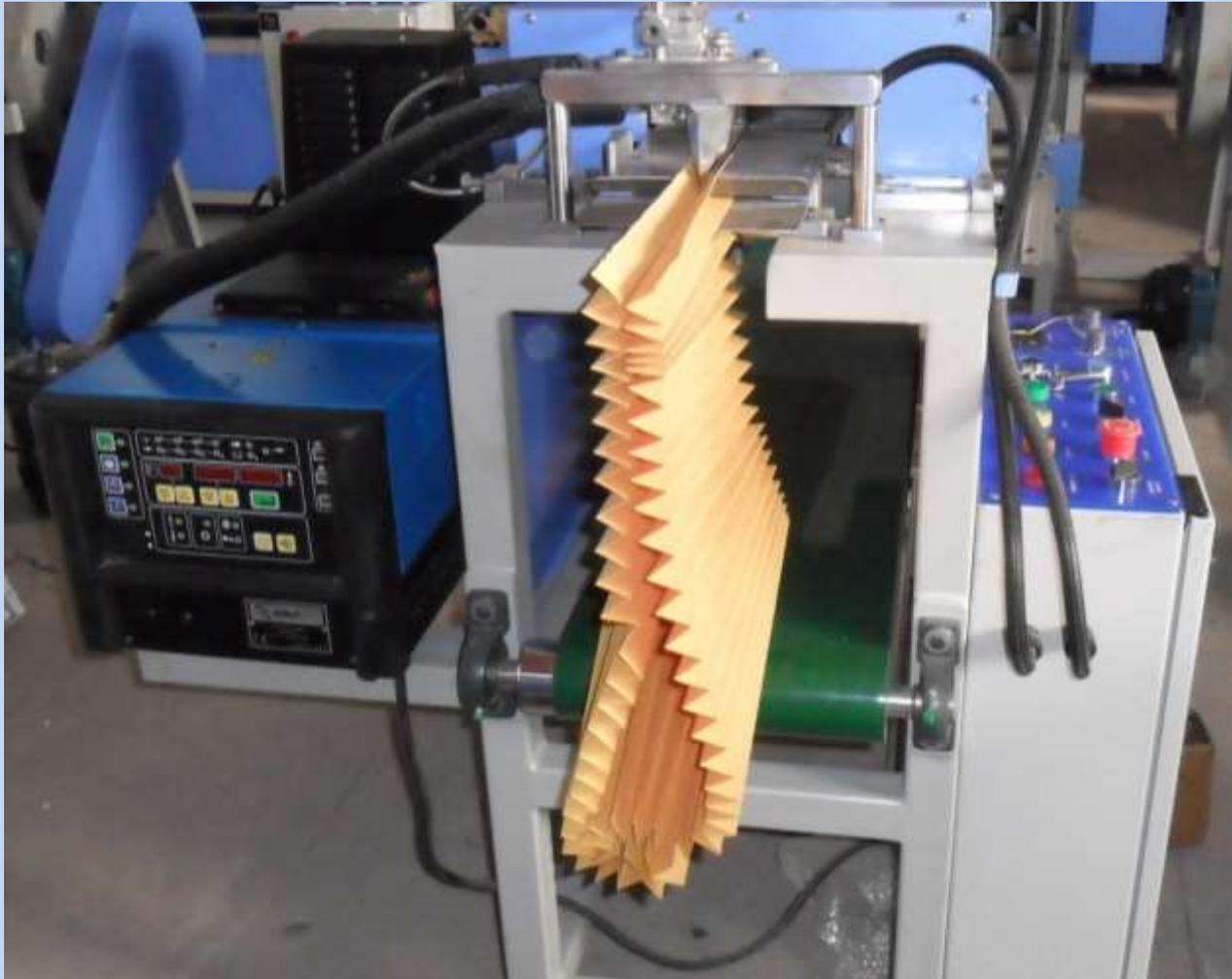


## ROTARY PLEATING MACHINE (EMBOSSING TYPE)





## HOT MELT SEALING MACHINE



# CABIN FILTER MAKING MACHINES

Cabin Filter  
hot melt  
applicator  
to ribbon



# Hot melt applicator to ribbon



# Ribbon pack assly.



# Automatic pack cross cutting



# Side edge trimmer



# Side printing on filter





We undertake the project of designing and manufacturing special purpose machines as per customer requirement



# Certificate of Registration

(Quality Management System)

**KVQA CERTIFICATION SERVICES PVT. LTD.**

This is to certify that the Quality Management System of

## KANWAL ENTERPRISES

Street No. - 3/4, Sheetla Colony, Sector- 05,  
Near Sheetla Mata Mandir, Gurgaon- 122001, India.

Has been found to be of the Quality Management System Standard

**NS-EN ISO 9001:2008/ISO 9001:2008**

This Certificate is Valid For the Following Product or Service Range

**Manufacturer & Exporter of Filters Manufacturing  
Machines i.e. Hepa Filters, Gas Turbines Elements,  
Automotive Air, Fuel, Oil Filters, Industrial Filters and  
Bag Filters. Manufacturing of Special Purpose Machinery  
and Process Automation as per Customers Specification.**

1<sup>st</sup> Surveillance Due On: 02/07/2012 Done On:

Date of Issue: 02, August, 2011

2<sup>nd</sup> Surveillance Due On: 02/07/2013 Done On:

Valid until: 01, August, 2014\*

Certificate No: I/QSC-4085



Issued by: *[Signature]*  
Authorised signatory KVQA

The certification scope is accredited by the Norsk Akkreditering of Norway with reference to the Parliamentary Proposition on 106 (1989/90) and Norsk Akkreditering's the status laid down in Royal Decree of 7th October 1993

Accredited by a member of IAF's MLA for Quality Systems

\* Valid until 01 August 2014



We **KANWAL ENTERPRISES**  
are committed  
to provide product  
as per customer requirement  
in time and at competitive prices,  
through continual improvement in quality  
management systems and involvement of its  
employee....



QUERIES:-

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