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Sub. : How we have improved our Lean manufacturing practices with Easymech QC50

INDSPHINX Precision Ltd is an ISO 9001 and ISO 13485 certified company. Incorporated in 1987 and set up in the foothills of Himalayas in Parwanoo (H.P.), India, We provide high precision ultra-micro, micro and macro rotating cutting tools for demanding machining applications. With Swiss technology and expertise, we have built a solid reputation of providing world-class innovative tooling solutions to the most technologically advanced countries in the world.

Almost invisible to the naked eye carefully crafted 15-micron drill, one-third the diameter of a human hair and a 50-micron Endmills are starting points for AXIS range of Tools for Micro-Machining.

All our raw materials, machinery and inspection systems are sourced from Switzerland, Germany and Japan; pioneers in leading-edge technology.

Over the years our company has made significant progress by entering industries as diverse as Aerospace ,Medical, Micro Mechanical and Micro Electronics. Our innovative edge has put us on the map as the only company in India using diamond coating technology for Cutting Tools.

The Problem:

As we export 70% of all our products to more than 30 countries worldwide, we are using very sophisticated, world class premium machinery, we cannot afford to have high downtime for periodic cleaning during 5S audits. Maintaining the highest levels of Machine uptime while at the same time ensuring all our machinery and equipment are sparkling ,has been a tough challenge in our TPM initiatives.

Through regular use of Easymech QC50 – Quick CNC machine Cleaner concentrate from Mechmatrix, we have found a reliable solution to our needs of high machining productivity with best Shop floor Shine (3S) standards. This has made TPM implementation Easy.

We surely recommend Easymech QC50 for the 3 top benefits we are enjoying:

1. Reduces cleaning time of our High End CNC machines by half to within 30 minutes downtime.
2. Minimal Loss of productivity during 5S audit and preventive maintenance activities.
3. Less operator effort for maintaining machine shop Shine – engages operator team for 5S .
4. We have standardized the use of Easymech QC50 as a consistent practice during our planned preventive maintenance and TPM activities for Machine shop Maintenance as a Kaizen.

for INDSPHINX Precision Ltd,



(Authorised signatory)

