



MATRIX INTERNATIONAL (UK) LTD.

SPECIAL PHARMACEUTICAL CONSIDERATIONS & STANDARDS

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## **Brief Pharmaceutical Industry Overview**

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## **1 Specific Pharmaceutical Standards**

### **1.1 ISO IDMP**

ISO IDMP is an amalgamation of the ISO 11238,11239,11240,11615,11616 ISO standards.

These standards insure every aspect of a Pharmaceutical industrial machine from unique identification to exchange of units of measurement.

### **1.2 Safe & Effective Pharmaceutical Working**

Beyond site specific working requirements for safe and effective operation, depending on the task, machinery and process there will be additional working requirements.

Matrix hence develops clear, explicit and designed method statements for each and every site visit which generic method statements do not encompass.

Furthermore, strong documentation of work carried out means future method statements can be reformed to be even more efficient.

## **2 Agile Adaptation to Specific Pharmaceutical Requirements**

Each and every machine and implementation is different and has a specific set of tested ISO standards which concern it.

For instance, in the Pharmaceutical industry, a chemical blender will additionally concern rotary machine standards such as ICS 29.160 while a centrifugal pill coating machine will be subject to ISO 11239.

Since each machine, application and process is liable to be different, Matrix actively receives consultation from ISO standards which apply to each aspect of the machine and document thoroughly how each standard applies, is implemented and can be validated once delivered and consistently checked.

Matrix offers computerised systems to monitor adherence, wherever possible, to reduce labour cost of adherence - via our SCADA systems as a peripheral product.

## **2.1 Maintenance & Support**

The Pharmaceutical is a demanding one, inso far as it operates 24/7.

To Aid such operation, Matrix offer increased comperised maintenance protocols and 24/7 support for all implementations aswell as an extensive method statement portofilio for each project which is delieved along with each implementation to aid on site maintence work to tackle common issues.

## **3 Upgrading & Adapting & Analysing**

As with most industires, the Pharamceutical industry is everchanging.

To help improve systems, Matrix offers an integrating analysis platform with each product so that the customer can track quality management as per the international standards independantly of Matrix.

This aids the customer in planning upgrades and seeing where one would be benefical. With Computer APIs, rigourous documentation and build in extensibility, upgrades are easy to be do internally or from any external vendor.