



DOT code examination Process safety through automation

Compared to the manual capture and examination of DOT codes on tyre walls automated processes offer clear benefits:

They are more reliable, consistent, objective, faster and cheaper.

INNOVISION has developed a worker-independent, robot-guided, automated test system for this purpose.

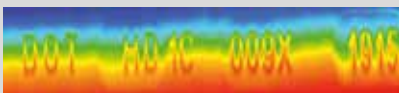
Benefit from its advantages!

+ 100 % quality and 0 errors thanks to automated monitoring

+ Cost reductions due to less personnel and earlier reworking in the production process

+ Shorter throughput times thanks to fewer errors and greater automation

1 3D capture of the tyre walls



Tyre walls are scanned with a robot-guided 3D laser and a 3D image of the tyre wall is created. Different tyre heights, radii and peripheries ranging from 13 – 24 inches and the laser's working distance are adjusted automatically by the robot.

2 3D image processing



The 3D image is processed.

3 DOT code examination



The processed image is evaluated and examined according to the specifications (examination for correctness, completeness, plausibility, date of manufacture, letter size and height). 100 % capture of DOT codes.



We offer test systems in the following versions:

- **Inline systems**
[Integration into production lines]
- **Retrofits**
[Retrofits for existing production lines]
- **Autonomous stations**
for warehouses and distribution centres

Technical details:

- Collaborative robots
- Very short throughput times
- Automatic data documentation
- Outside and rotation tests
- Database communication
- ProfiNET
- TCP/IP
- etc.

NEW SINCE 01/05/2019:

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INNOVISION offers everything from a single source ...

... from camera integration to test cells to complete automation solutions.

We look forward to your inquiry!