



# CIS – CEJN Identification System

*Safety and traceability for ultra high-pressure hose assemblies*





# Track, inspect, and maintain high-pressure hose safety with CIS

Working with ultra high-pressure hydraulics involves significant risks, making safety a top priority. The CEJN Identification System (CIS) is a complete solution for managing and ensuring the safety of ultra high-pressure hydraulic hose assemblies. Each hose kit has a unique NFC tag that stores technical data, inspection history, and service information.

CIS is easily accessible on mobile and desktop devices and has been designed for anyone involved in using, inspecting, or maintaining high-pressure hose equipment.



Learn more about how CIS works and how to get started at [www.cejn.com/cis](http://www.cejn.com/cis).

## Key benefits of CIS

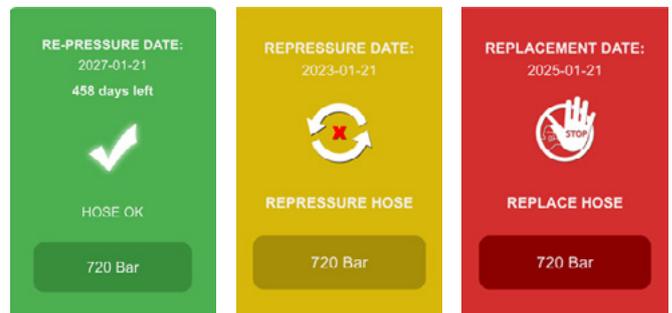
- ✓ **Safety first**  
Status indicators show instantly whether a hose is safe to use, requires inspection, or should be recycled.
- ✓ **Cloud-based access**  
Store and access all data securely on EU servers, wherever you are.
- ✓ **Professional inspection tools**  
Easily register inspections, pressure tests, and generate certificates.
- ✓ **Simple handling**  
Scan tags with a mobile device or PC to get immediate information.
- ✓ **Custom user roles**  
Provide secure access for CEJN, customers, and third-party testers.



## How CIS works

CIS is based on NFC (Near Field Communication) technology. Information about the hose kit is stored on an electronic chip which is placed between the two layers of the plastic tag attached to the hose. When scanned with the CIS app on a mobile device or with an NFC reader connected to a PC, the tag instantly displays all relevant data, including the latest pressure test, inspection history, and current hose status.

All information is stored securely in the cloud on EU servers, enabling the creation of pressure test certificates and the planning of maintenance. CIS also supports GPS tracking, allowing organisations to see the location of their hoses (last inspected location) and maintain full control over their high-pressure hose assemblies.



### Instant safety feedback

When a CIS tag is scanned, colour indicators instantly show whether a hose is ready for use, needs inspection, or must be taken out of service:

- Green: Safe to use
- Yellow: Pressure inspection required
- Red: Do not use – recycle

### Get your hose kit from your local CEJN High-Pressure Centre

The CEJN High-Pressure Centres, located worldwide, are staffed by certified application experts. Each centre features a hose crimping facility that assembles high-pressure hose kits to customer specifications. Our hose kits include CIS and are checked and measured before delivery.





- HEAD OFFICE
- SALES OFFICE / HIGH-PRESSURE CENTRE
- SALES OFFICE



## Made in Sweden since 1955

We have been producing professional, high-quality and innovative quick connect couplings here at CEJN since our first patented coupling was launched in 1955. CEJN is an independent global niche company with its head office in the heart of Sweden. Over the years we have expanded to 22 locations worldwide and are supplying products and services to virtually every industry segment. At CEJN, we are united by our five core values: safety, environment, quality, innovation and performance. They are our cornerstones and define who we are, how we work, what we believe in and what we stand for.

Contact your local sales office or visit [www.cejn.com](http://www.cejn.com) for more information.