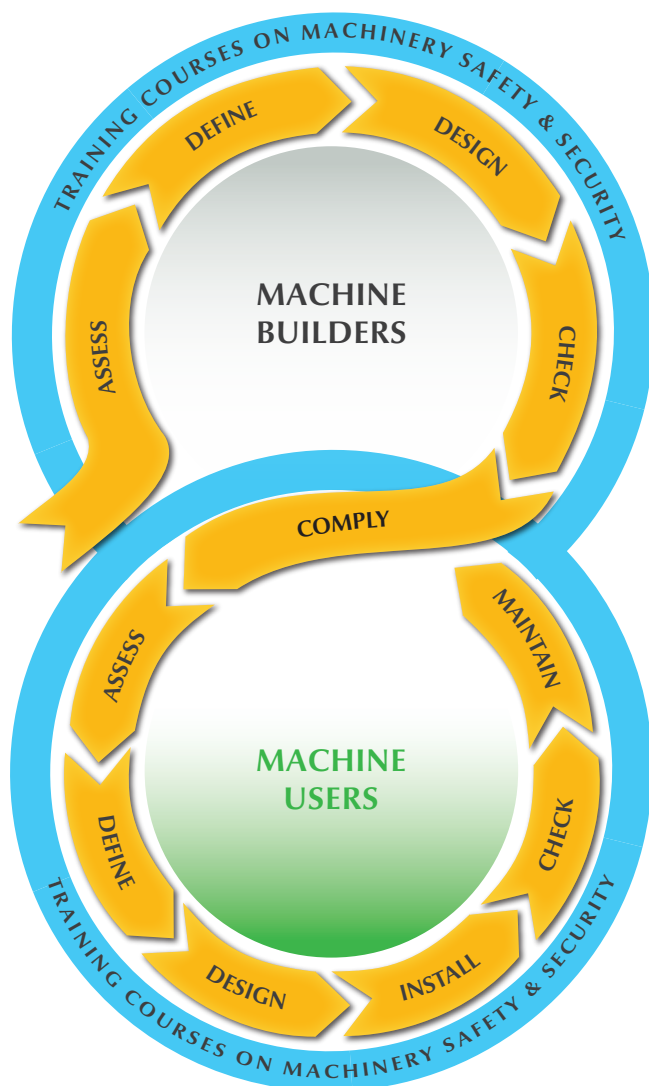


## ► Safety Throughout Your Machine's Operational Lifecycle



### ► Machine Safety Lifecycle for Machine Builders

ASSESS	<ul style="list-style-type: none"> <li>Design Risk Assessment (DRA)</li> <li>Machine Risk Assessment (RA)</li> <li>Security Risk Assessment (SRA)</li> </ul>
DEFINE	<ul style="list-style-type: none"> <li>Safety Concept (SC)</li> <li>Safety Requirements Specification (SRS)</li> </ul>
DESIGN	<ul style="list-style-type: none"> <li>Safe Design (SD)</li> </ul>
CHECK	<ul style="list-style-type: none"> <li>Post-Measures Risk Assessment (PMRA)</li> <li>Safety Validation / Safety Verification (SV)</li> </ul>
COMPLY	<ul style="list-style-type: none"> <li>Compliance with Local and International Legislations &amp; Regulations (e.g. CE Marking, AS/NZS 4024)</li> </ul>

### ► Machine Safety Lifecycle for Machine Users

ASSESS	<ul style="list-style-type: none"> <li>Site Audit (MSE)</li> <li>Machine Risk Assessment (RA)</li> <li>Security Risk Assessment (SRA)</li> <li>LOTO Assessment (LA)</li> </ul>
DEFINE	<ul style="list-style-type: none"> <li>Safety Concept (SC)</li> <li>Safety Requirements Specification (SRS)</li> </ul>
DESIGN	<ul style="list-style-type: none"> <li>Safe Design (SD)</li> </ul>
INSTALL	<ul style="list-style-type: none"> <li>Functional Safety Management (FSM)</li> <li>Project Management (PM)</li> <li>Engineering Services (ES)</li> </ul>
CHECK	<ul style="list-style-type: none"> <li>Post-Measures Risk Assessment (PMRA)</li> <li>Safety Validation / Safety Verification (SV)</li> </ul>
MAINTAIN	<ul style="list-style-type: none"> <li>PilzCare Annual Support</li> <li>Stop-Time measurements</li> <li>Force and Pressure testing for Collaborative Robot applications</li> <li>Periodic Inspection Services (e.g. functional checks)</li> </ul>
COMPLY	<ul style="list-style-type: none"> <li>Compliance with Local Legislations &amp; Regulations (e.g. AS/NZS 4024)</li> </ul>

In today's fast-paced industrial environment, ensuring the safety of both people and machinery is paramount. Whether you're in the design phase, operating machinery, or considering machine retrofits, it's essential to identify and consider potential safety risks early on. This is not only a best practice but often a **legal obligation for both machine manufacturers and operators**.

From the birth of a new machine to ensuring compliance of existing ones, there are crucial steps to follow to meet global safety standards. Our comprehensive **machine safety lifecycle** clearly illustrates these steps, ensuring you understand the requirements for your machines, no matter where you are in the world.

We offer tailored safety services designed to meet your company's specific needs, throughout the machine safety lifecycle.



**Pilz Australia**  
Head Office  
Unit 1, 12-14 Miles Street  
Mulgrave, Melbourne, Victoria 3170  
Australia

☎ 1300 723 334  
✉ [training@pilz.com.au](mailto:training@pilz.com.au)  
🌐 [www.pilz.com/en-AU](http://www.pilz.com/en-AU)

**Contact us today  
for a Consultation.**