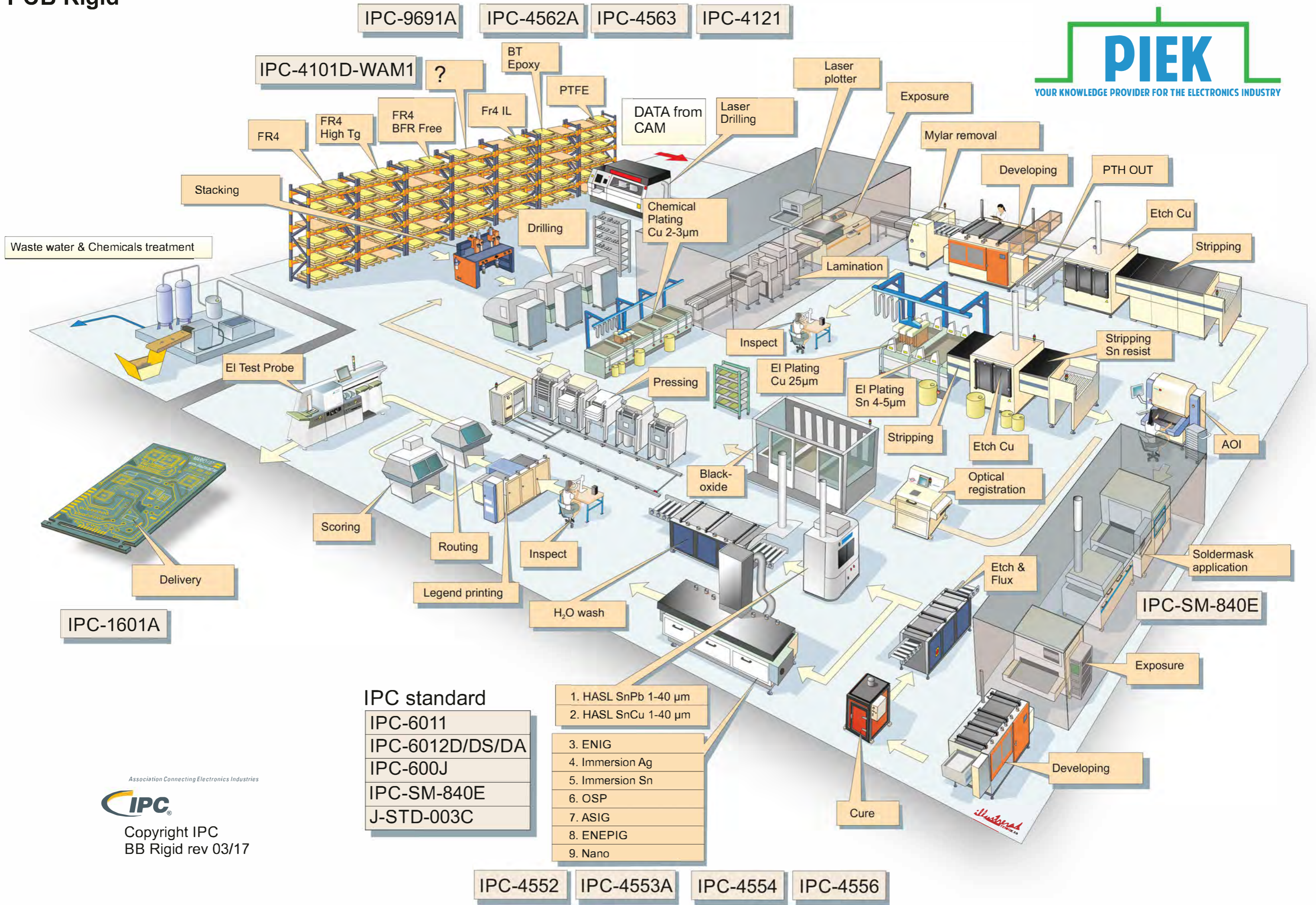


# PCB Rigid



IPC-9691A    IPC-4562A    IPC-4563    IPC-4121

IPC-4101D-WAM1    ?

FR4    FR4 High Tg    FR4 BFR Free    Fr4 IL    PTFE

Waste water & Chemicals treatment

Stacking

Drilling

DATA from CAM

Laser Drilling

Laser plotter

Exposure

Mylar removal

Developing

PTH OUT

Etch Cu

Stripping

EI Test Probe

Inspect

Pressing

EI Plating Cu 25µm

EI Plating Sn 4-5µm

Stripping

Etch Cu

Optical registration

AOI

Scoring

Routing

Inspect

Black-oxide

Legend printing

H<sub>2</sub>O wash

Etch & Flux

Soldermask application

IPC-SM-840E

Exposure

Developing

Cure

IPC-1601A

IPC standard  
 IPC-6011  
 IPC-6012D/DS/DA  
 IPC-600J  
 IPC-SM-840E  
 J-STD-003C

1. HASL SnPb 1-40 µm
2. HASL SnCu 1-40 µm
3. ENIG
4. Immersion Ag
5. Immersion Sn
6. OSP
7. ASIG
8. ENEPIG
9. Nano

IPC-4552    IPC-4553A    IPC-4554    IPC-4556