



# Safety Clearance of NA62

# Formal framework

- Memorandum of Mark Hatch / PH Departmental Safety Officer, 25 August 2014
  - “The conventional safety clearance procedure for NA62 will be doing by DGS-SEE (HSE)
  - Safety clearance for the radiological aspects shall be obtained from the DGS/RP group”
- Memorandum of Jonathan Gulley /DGS-SEE (EDMS 1403899)
  - This memorandum outlines the conventional Safety checks, that shall be carried out in the frame of HSE Safety Clearance granted by the HSE Unit.
  - Compulsory Safety checks might be required in addition to the HSE Safety Clearance.
  - The HSE Safety Clearance will only be granted once all the conventional Safety checks have been successfully performed



## Three main information sources

- NA62 Safety file
- Complimentary tests (with subsequent recording in Safety File)
- Specialized safety visits

Final clearance will be obtained after general safety inspection

# NA62 Safety file – rather poor state

- KTAG
  - Mechanical drawing are mainly missing (just 3 files concerning support head)
  - It is important to have a description of grounding scheme inside of Environmental Enclosure
- CHANTI
  - The file is practically empty (just one document concerning mechanical stability of vessel)
- GTK
  - It would be nice to have drawings (or reference to drawing repository) of GTK vessels
- LAV
  - Good file – example to follow

# NA62 Safety file

- Straw tracker
  - The file is practically empty (only 3 documents concerning stacking tool)
- RICH
  - HV splitter documentation is missing
- CHOD
  - The file is empty
- LKr
  - The file is empty
- MUV
  - Mechanical drawings are missing
  - Cables list is missing
- IRC/SAC
  - The file is empty

# Complimentary tests

- Proof test of piping – **CEDAR piping**  
Participation of the HSE ([Pierre-Yves.Buisson@cern.ch](mailto:Pierre-Yves.Buisson@cern.ch))

# Specialized safety visits

- **Electrical safety visit** (second or third week of September) - Participation of the HSE Unit ([Olivier.Tison@cern.ch](mailto:Olivier.Tison@cern.ch)).

Please:

- **Upload to Safety file your Cable list + description of custom made electrical equipment**
- **Ground your detector, equipment and metal structures around**
- **Fire inspection of the experimental area** (second week of September) - Participation of the HSE ([Fabio.Corsanego@cern.ch](mailto:Fabio.Corsanego@cern.ch)).

Please:

- **Clean area from combustible material**
- **General Safety pre-visit** (second week of September) - Participation of the PH DSO Office ([Mark.Hatch@cern.ch](mailto:Mark.Hatch@cern.ch)).

Please:

- **Clean area from any unused objects**



Clearance safety inspection is expected around  
20 September

Don't forget to remove from TCC8/ECN3 all your  
tools, temporarily equipment, personal objects, etc.,  
before the first beam on 6 October