



# OIML R87

## Preparing for the onsite visit

- Announced or unannounced visit
- Equipment
- Resources
- Assistance



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## Preparing for the onsite visit

- Announced visit
  - Contact manufacturer / packer (have a SPOC – single point of contact)
  - Gather information regarding the site and products packed
  - Agree a suitable day / time
  - Health and safety considerations
- Unannounced visit
  - Everything done on day of the visit

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## Preparing for the onsite visit

- Health & Safety





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## Preparing for the onsite visit

- Announced visit
  - Pros: May make visit more efficient
  - Cons: Manufacturer has time to prepare
- Unannounced visit
  - Pros: Realistic snapshot of manufacturers' behaviour
  - Cons: May take longer



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## Preparing for the onsite visit

- 5 P's:
  - Perfect Planning Prevents Poor Performance
- Never make assumptions:
  - Packer may have never had a visit from LMO before
- General pre visit information:
  - Types of products
  - Methods of production / packing
  - Annual production rates
  - Production location(s) and time(s)



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## Preparing for the onsite visit

- Product specific information:
  - Net quantity of package(s)
  - Hourly rate of production
  - Calculate Tolerable Deficiency
  - Calculate T1 error of product under test
  - Calculate T2 error of product under test
  - Calculate No. samples to select
  - No. of T1 permitted in inspection lot
  - Generate random times / numbers



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## Preparing for the onsite visit

- Equipment:
  - Appropriate weighing / measuring instruments and masses
  - Other equipment for testing volume, density etc
  - Computer or hard copy of data capture sheet
  - Protective equipment



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## Preparing for the onsite visit

- Assigning tasks:
  - Lead officer
  - Sample collector
  - Time keeper
  - Perform weighing / measuring
  - Data entry; computer / manual

**\*All may be performed by one individual\***



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## Preparing for the onsite visit

- Exercise - Pre Inspection Information:

	Group 1	Group 2	Group 3	Group 4
Nominal quantity ("Q <sub>nom</sub> ")	50 g	250 mL	750 g	1.5 L
Lot size ("N")	5000	586	200	55
Tolerable deficiency ("T")				
T1				
T2				
Sample size ("n")				
Number of T1 permitted				



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## Preparing for the onsite visit

- Exercise - Pre Inspection Information:

	Group 1	Group 2	Group 3	Group 4
Nominal quantity (“Q <sub>nom</sub> ”)	50 g	250 mL	750 g	1.5 L
Lot size (“N”)	5000	586	200	55
Tolerable deficiency (“T”)	9 % or 4.5 g	9 mL	15 g	1.5 %
T1	4.5 g	9 mL	15 g	22.5 mL
T2	9 g	18 mL	30 g	45 mL
Sample size (“n”)	98	82	64	32
Number of T1 permitted	5	4	3	1



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## Preparing for the onsite visit

- Resources:
  - Relevant legislation
  - OIML R 79, R 87 & G 14
  - Identification / Warrant / Authority
  - Guidance documents
  - Laptop
  - Stopwatch
  - Random number tables
  - Notebook & pen



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## Preparing for the onsite visit

- When onsite
  - Be professional
  - Introduce yourself
  - Clearly explain how you intend to execute your inspection
  - Plan the inspection (agreed with SPOC)
  - Expect there to be disruptions
  - Advise the SPOC that their assistance may be required
  - Respect the premises and products being handled