



# JRC questions to SIGTP-02-13

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Stockholm, Sweden

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# Nail and test parameters

## Nail

1. Material: steel is proposed by JP. Can ceramic nail be used?
2. Diameter: 3 to 8 mm nail is proposed. ISO 6469-1/AMD 1 specifies 3 to 10 mm. What is the rationale for limiting the upper possible nail diameter to 8 mm?
3. Shape: Circular cone (20-60°C) is proposed. ISO 6469-1/AMD 1 allows conical, flat, cross shapes.

## Test

1. Rate of penetration: 0,1-1 mm/s is proposed. ISO 6469-1/AMD 1 specifies 0,01-80 mm/s.
2. Penetration depth is not detailed?
3. Environmental conditions (T, p, RH) of the test are not specified?

# Tested Device preparation and test methodology

## Tested Device

1. A sealed feedthrough shall be installed... versus a penetrating hole may be needed. Please explain.
2. SOC of the Tested Device is not specified?
3. Target cell selection – not specified?

## Test methodology

1. Insertion of the nail through the electrodes (perpendicular or parallel) is not specified?
2. Penetration depth is not detailed?
3. Vehicle condition: “Turn vehicle ‘on’ and set it in the ‘parked mode’” is proposed, while paragraph 3.2. (c) stipulates requirements on cooling system and BMS?

# Thank you



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