

# PUNCTURING NOZZLE

## SS304, MALE INSTANTENOUS INLET



Puncturing Nozzles are used for fighting deep-seated fires in materials such as coal. The puncturing end of the nozzle allows penetration of the nozzle into piles of coal, and perforations on the nozzle pipe allow water to seep into and wet the coal pile, controlling the fire inside.

**Brief Description:** AAAG Puncturing Nozzle, made of SS304, having pointed end for piercing, and perforations in pipe for water discharge. Two holding handles shall be provided for 2 firefighters to grip the nozzle and push forcefully into the pile.

### 1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Model	Puncturing Nozzle
1.3	Inlet	63mm Instantenous Male Inlet
1.4	Outlet	Perforated piercing Nozzle
1.5	Material of Construction	Stainless Steel (SS304)
1.6	Reference	SBJ Drawing (See below)

### 2.0 MATERIAL OF CONSTRUCTION

2.1	Nozzle Pipe	Stainless Steel (SS304)
2.2	Inlet	Stainless Steel (SS304)
2.3	Holding Handle	Stainless Steel (SS304)

### 3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	As per Drawing (See below)
3.2	Performance Requirements	Nozzle shall be capable of being held by 2 operators and pierced into coal pile.
3.3	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates

### 4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	5 to 12 Kg/cm <sup>2</sup>
4.2	Discharge Pattern	Small jets through perforations (for wetting material)
4.3	Weight (approx.)	--

### 5.0 FINISH

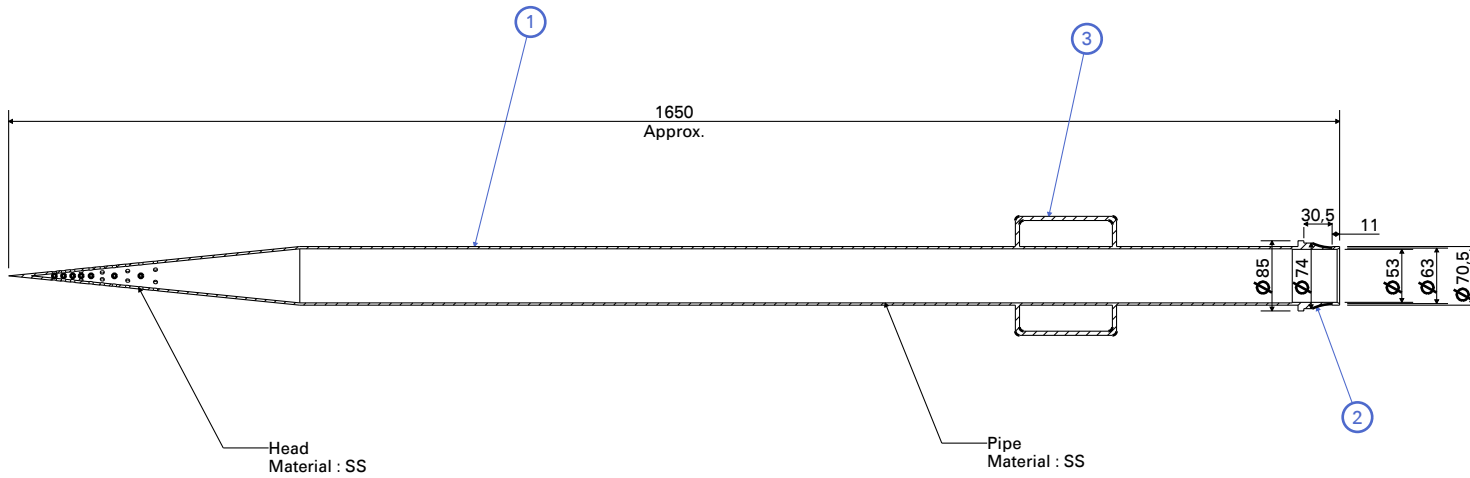
5.1	Nozzle	Natural finish
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### 6.0 APPROVALS & MARKING

6.1	Approvals	--
6.2	Marking on Nozzle	Model/ Discharge pattern indication

### 7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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1	NOZZLE PIPE	S.S. 304
2	INLET	S.S. 304
3	HOLDING HANDLE	S.S. 304
<b>NO.</b>	<b>DESCRIPTION</b>	<b>MATERIAL</b>
<b>PART LIST</b>		



**Shah Bhogilal Jethalal & Bros.**

AHMEDABAD

**TITLE :**

**Puncturing Nozzle, SS 304 (63 mm)**

**SCALE**

N.T.S

**DRAWING NO:**

S128-63BJ

**SHEET**

1 OF 1

**REV.**

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