

JINDAL ALUMINIUM LTD, ROLLING & EXTRUSION	
REV NO:00	REV DATE:19.08.2021

ROUTING –PROCESS DESIGN FOR 19000-H2 FOR LOGOMOTIVE PVT LTD

1.0 Purpose

To set up a process route practice of Aluminium coil/sheet for 19000-H2

2.0 Scope

Supply of Aluminium coil/Sheet as per below specification

1.) 19000 / 'H2' –Thk 2.5 mm

3.0 Responsibility & Authority

Managers/Section-in-Charge of the departments using this process is responsible for implementing this procedure.

4.0 PPEs

1. Safety helmet 2. Safety shoes 3. Gloves (if required)

5.0 Process Method

- Caster coil is to be selected from standard cast coil composition.



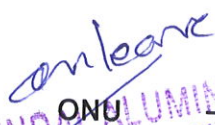

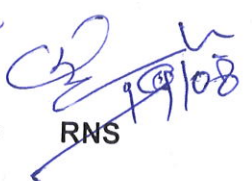
Chemical Compositions-As per Internal Chart									
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
19000	Fe+Si = 0.95 max		0.05 – 0.2	0.01 max	0.01 max	0.01 max	0.01 max	0.02- 0.03	99.00 Min

- Process route for **19000 / H2** /,is followed
(UTS to achieve 95-130 MPa, Elongation: Minimum 8 %)

CC => CRM => TA =>CRM (16% - 20% reduction) => 2.5 mm (FG) => CTL/SL => PACKING

- TA Cycle : As per internal chart cycle

APPROVED BY, PROCESS REVIEW COMMITTEE

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