

### Model Control Code Structure - Hot Rolled Coil (and Sheet)

Item	Category	Sub-Category	Identifier	Sales Data	Cost Data	Key category	Explanation / Notes
1	Prime	Prime	P	<b>Mandatory</b>	Not applicable	<b>YES</b>	Reports whether the product is prime or non-prime (secondary) product. Non prime could also be described as not meeting the intended or applicable specification.
		Non - Prime	N				
2	Steel Grade <b>AS 1397</b> JIS 3302	HA1 / G250 / HA250 / SPHC / SS400 <b>(AS1594 / JIS G3131 / JIS G3101)</b>	1	<b>Mandatory</b>	<b>Mandatory</b>	<b>YES</b>	Reports the steel grade of Hot Rolled Coil (HRC). The steel grade determines the guaranteed or typical mechanical properties of the product. The <b>Australian Standard AS 1594</b> range of steel grades are noted in <b>bold</b> with the equivalent Japanese standards noted alongside. The 250 / 300 / 350 type grades are 'Structural' steel grades, with the XXX defining their minimum Yield Strength. The "W" grades are known as 'weathering' steels due to the addition of Copper that changes its reaction to the atmosphere. All other HRC steel grades (e.g. chemistry or hardness grades) will fall into the 'other' category for this investigation.
		<b>G300 / HA300</b> <b>(AS1594)</b>	2				
		<b>G350 / HA350 / SS490</b> <b>(AS1594 / JIS G 3106)</b>	3				
		<b>HW350 / SMA490 / 'Corten'</b> <b>(AS 1594 / JIS G 3114 )</b>	4				
		Other	5				
3	Base Metal Thickness (mm)	<1.6 mm	1	<b>Mandatory</b>	<b>Mandatory</b>	<b>YES</b>	Reports the thickness of the Hot Rolled Coil / sheet product.
		= > 1.6 mm to < 2.0 mm	2				
		= > 2.0 mm to < 6.0 mm	3				
		= > 6.0 mm to < 12.0 mm	4				
		= > 12.0 mm	5				
4	Width (mm)	<= 1000 mm	1	<b>Mandatory</b>	<b>Mandatory</b>	No	Reports the width of the Hot Rolled Coil / sheet product.
		> 1000 mm	2				
5	Surface Condition	As Rolled (Dry)	A	<b>Mandatory</b>	<b>Mandatory</b>	No	Reports the final surface finish of the Hot Rolled Coil steel product: -Either no further treatment post rolling (As Rolled) or further processing to achieve a Pickled and Oiled surface.
		Pickled and Oiled (P&O)	P				
6	Patterns in Relief	Flat strip surface (no pattern rolled into the surface)	N	<b>Mandatory</b>	<b>Mandatory</b>	No	The final rolling process can impart a 'pattern in relief' onto the plate steel - most commonly referred to as "Floor Plate".
		Pattern is rolled into the strip surface	F				
7	Form	Coil	C	<b>Mandatory</b>	Optional	No	Form of the product - either supplied in Coil form or in sheets - less than 4.75mm thick only. Hot Rolled product in sheet => than 4.75mm thick is classified as 'plate steel' and are not the subject goods.
		Sheet	S				

For example: Prime, G300 grade, 1.80mm thick, 1200mm wide, Pickled, Flat Surface, Coil - would have an MCC of P222ANC.