



PRESTRESSED SPUN CONCRETE POLE



PMW CONCRETE INDUSTRIES SDN. BHD. Concrete Poles are designed and manufactured to be cost effective. Our Concrete Poles are made of pre-stressed concrete: a tough, elastic, durable material and maintenance free. It's designed to stand a specific loads and handling loads – With safety factors considered.

We produce high performance, steel-reinforced concrete poles which are more durable and from production to selection to delivery, we put the right pieces into place to provide our customers with the best concrete pole product.

PMW Concrete Industries Sdn Bhd (247297-K)

Lot 133077, Jalan Lahat, Bukit Merah Industrial Estate, 31500 Lahat, Perak, Malaysia.

+605 - 322 4690 +605 - 322 4475

www.pmw-industries.com



01

TM
PMW
05 - 2006
7.5M - 1.1kN
JIS A5309
056249
25052006



TELECOMMUNICATION

Telecommunication Malaysia (TM)
- Telephone and Communication Poles

Pre-stressed Spun Concrete Poles for TELECOMMUNICATION

Item	Pole Type	Top Ø	Bottom Ø	Est. Weight	Traverse load	Specification
1.	7.5m -10 -1.1kN	100mm	175mm	230kg	1.1kN	As per Telekom Malaysia (TM)
2.	9.0m -14 -2.0kN	140mm	260mm	470kg	2.0kN	
3.	6.7m -10 -0.8kN	100mm	167mm	180kg	0.8kN	

02

DANGER
HV. 33kV
TENAGA NASIONAL BHD.
PMW INDUSTRIES
JIS A5309
001866
12102005



ELECTRICITY DISTRIBUTION

Electric Utility Company – Malaysia (TNB)
- Street Lighting Pole
- Transmission and Distribution Poles

Pre-stressed Spun Concrete Poles for ELECTRICITY DISTRIBUTION

Item	Pole Type	Top Ø	Bottom Ø	Est. Weight	Traverse load	Specification
1.	7.5m-10-1.1kN	100mm	175mm	230kg	1.1kN	As per Tenaga Nasional Berhad(TNB)
2.	7.5m-14-2.0kN	140mm	240mm	380kg	2.0kN	
3.	9.0m-14-2.0kN	140mm	260mm	470kg	2.0kN	
4.	10.0m-19-5.0kN	190mm	323mm	950kg	5.0kN	



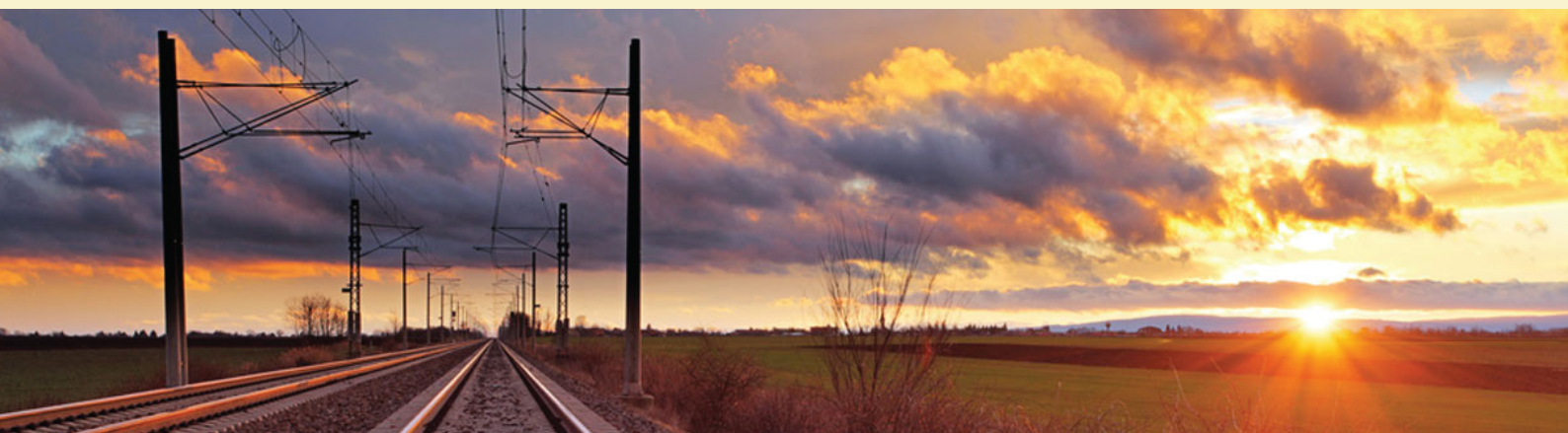
ELECTRIFICATION OF RAILWAY SYSTEM CATENARY POLES

Malaysian National Railway – Malaysia (KTM)
- Catenary Pole for Electrification of Railway

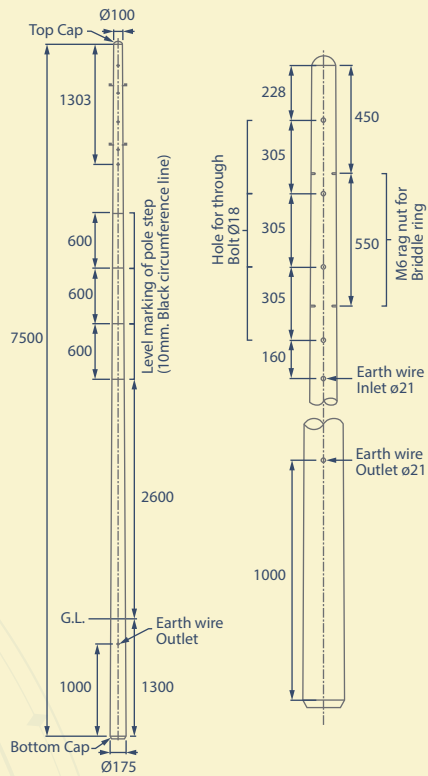
Pre-stressed Spun Concrete Poles for

ELECTRIFICATION OF RAILWAY SYSTEM CATENARY POLES

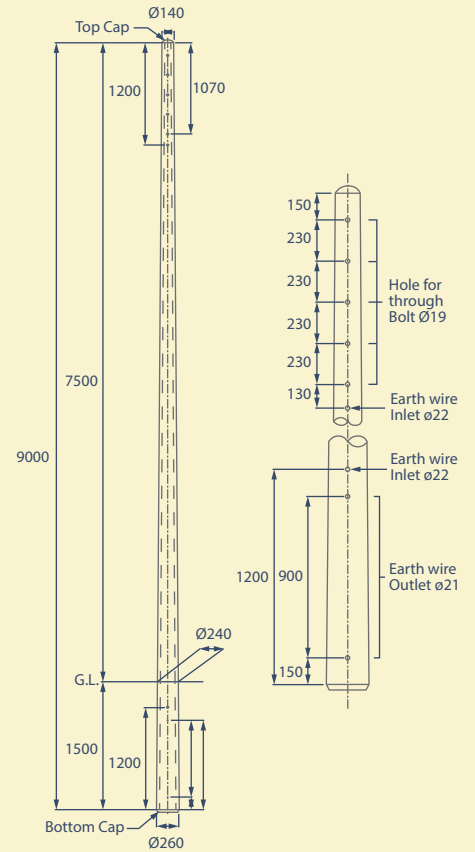
Item	Pole Type	Top Ø	Bottom Ø	Est. Weight	Bending moment	Traverse load	Safety Factor	Specification
1.	(TYPE 101) 9.0m-19-50kNm	190mm	310mm	780kg	50kNm	6.3kN	2.00	As per Keretapi Tanah Melayu (KTM)
2.	(TYPE 102) 9.0m-22-91kNm	220mm	340mm	1120kg	91kNm	11.5kN	2.00	
3.	(TYPE 102B) 9.0m-22-91kNm	220mm	340mm	1120kg	91kNm	11.5kN	2.00	
4.	(TYPE 105) 11.5m-30-164kNm	300mm	453mm	2060kg	164kNm	16.4kN	2.00	
5.	(TYPE 106) 12.5m-30-175kNm	300mm	467mm	2290kg	175kNm	15.9kN	2.00	
6.	(TYPE 107) 13.5m-30-200kNm	300mm	480mm	2540kg	200kNm	16.7kN	2.00	
7.	(TYPE 116) 7.21m-22-78kNm	220mm	310mm	1099kg	78kNm	10.8kN	2.00	
8.	(TYPE 117) 7.21m-22-105kNm	220mm	310mm	1156kg	105kNm	14.6kN	2.00	



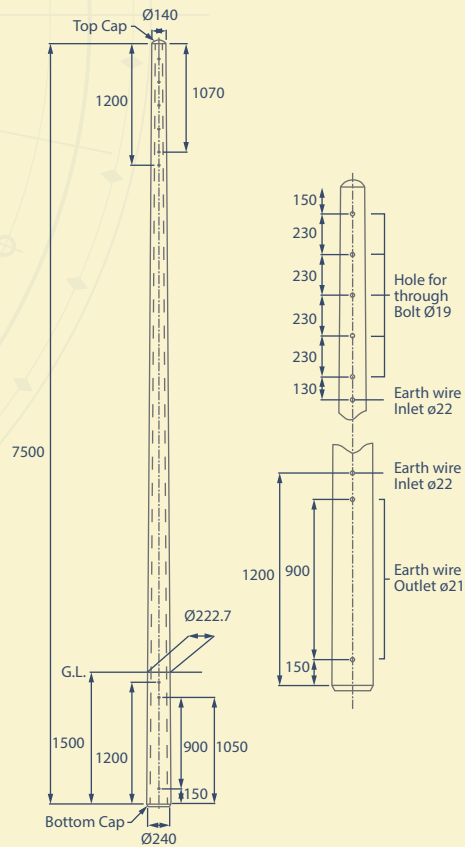
POLE DRAWING



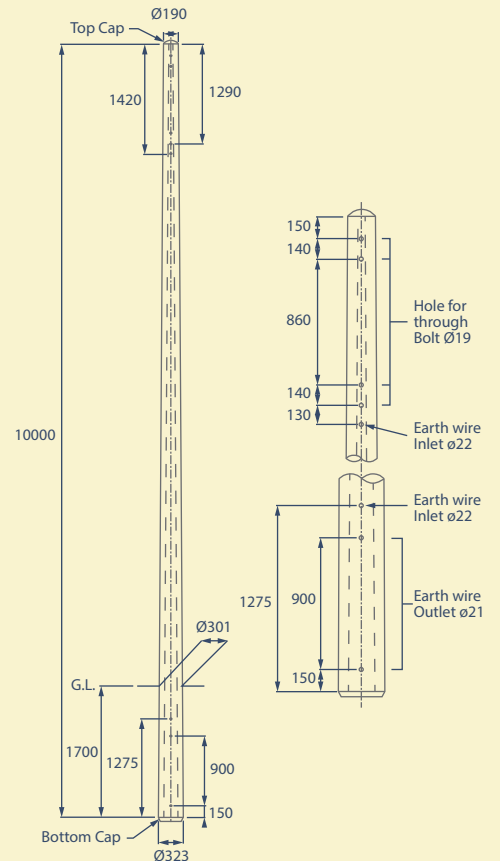
7.5m -10 -1.1kN



9.0m -14 -2.0kN



7.5m-14-2.0kN



10.0m-19-5.0kN