

MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
132015	INSULATOR, PIN, LV TYPE B/100/3.5

SPECIFICATION DETAILS

Insulator pins shall be type ref. B/100/3.5 to AS 1154.1 and 1154.2
 Dimensions according to fig 1 and Table 1 of AS 1154.2
 Conductor:

- **Unit of Measure:** Each
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References:	Fig 1 AS 1154.2 and 9-A4	Manufacturer's Product Code:
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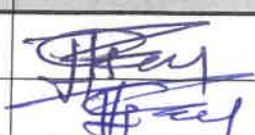
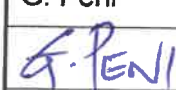

STANDARDS COMMITTEE APPROVAL

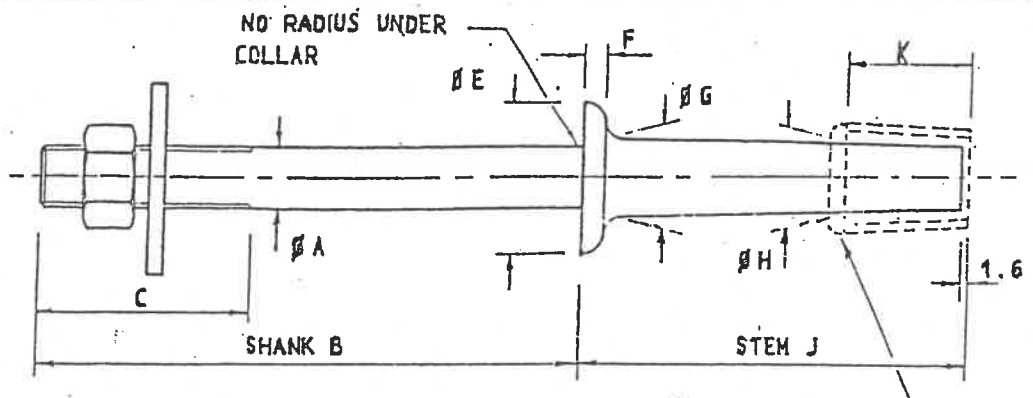
Approval by Alex Oa
Chairman

Signature: 

Date: 3 / 6 / 2015

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
G. Peni	Team Leader Standards and Materials		2/6/15
	✓		22/07/19



COLLARS UNDER THE LEAD THREAD ARE REQUIRED ON PATTERN A AND PATTERN B PINS ONLY. - LEAD THREAD TO BE KEYED TO STEM ON ALL PINS.

INSULATOR PIN TYPE REFERENCE	MIN FAILING LOAD (kN)	A DIA	SHANK		STEM					
			B OVERALL LENGTH	C MIN LENGTH OF THREADED SECTION	E MIN DIA	F MIN	G MIN DIA	H MIN DIA	J	K
B/100/3.5	3.5	16	140	50	40	6	20	17.3	100	33
A/130/7	7	20	165	80	50	6	29	22.8	130	40
C/150/7	7	20	50	40	60	9	30	24.4	150	64
C/150/7	7	20	165	100	60	9	30	24.4	150	64
C/300/7	7	24	200	100	75	9	37	26.8	300	64
C/150/11	11	24	165	80	60	9	35	28.9	150	64
C/200/11	11	24	165	80	65	9	38	28.6	200	64

NOTES:

- DIMENSIONS:** (A) ALL DIMENSIONS ARE IN MILLIMETRES.
(B) TOLERANCES SHALL BE IN ACCORDANCE WITH AS 1154 PART 2.
- MATERIAL:** HOT ROLLED CARBON STEEL COMPLYING WITH AS 1442.
- PROTECTIVE COATING:** HOT DIP GALVANIZE IN ACCORDANCE WITH AS 1214.
- MARKING:** THE PIN COLLAR SHALL BE STAMPED WITH ITS IDENTIFICATION REFERENCE PRIOR TO GALVANIZING IN ACCORDANCE WITH AS 1154 PART 2.
- PIN HEAD:** THE PIN HEAD SHALL BE LEAD ALLOY OF MATERIAL, SHAPE AND DIMENSIONS AS SPECIFIED IN AS 1154 PART 2. SUITABLE CARDBOARD OR PLASTIC MECHANICAL PROTECTION OF THE LEAD THREAD IS REQUIRED TO BE FITTED.
- NUT AND WASHER:** ONE GALVANISED DOUBLE CHAMFERED NUT AND ONE GALVANIZED LARGE SERIES WASHER AS SPECIFIED IN AS 1154 PART 2 SHALL BE SUPPLIED FITTED TO THE INSULATOR PIN.

QUEENSLAND ELECTRICITY SUPPLY INDUSTRY.

DATE MARCH 1984

INSULATOR PINS

9-A4

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