

Specification for winding and assembly
of NZBC 8053 Inductors.

1. Inductors are to be wound according to NZBC Drawing A3 8053/8. Windings shall be continuous. The Inductance and number of turns are given in the following table.

Inductor Type G1.

Winding wire single conductor, self fluxing fine enamelled copper 26 SWG.

Inductance	Tolerance		Turns
	Minimum LmH	Maximum LmH	
L.m.H			
2.25			51
1.59	1.54	1.64	43
-	-	-	START

2. The contractor shall supply all the material as listed.

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5. Packaging.

Inductors are to be cartoned individually with the NZBC type No. clearly indicated on the outside of the container.

Test Notes.

Bridge voltage not to exceed 750mV.
Adjustor to be sealed with sealing wax when Inductance correct.

Before production of quantity ordered a sample shall be forwarded to NZBC,

Head Office Equipment Section,
37 Marjoribanks Street,
WELLINGTON.

al

General Tender.

AVC 7/70

Philips pot cores type P22/13	4322	022	26290
Former	4322	021	30300
Container	4322	021	30540
Spring	4322	021	30650
Tag Plate	4322	021	30460
Adjustor	4322	021	31240
Self fluxing fine enamelled copper wire.			

3. Tests.

Each inductor is to be adjusted to the correct total inductance using a bridge of 1% accuracy set at 1KHz frequency. The inductance at each tapping should then be checked with the same bridge, and all taps must be within the tolerances shown in the tables of Paragraph 1. If any tap is outside the tolerance the coil is to be rewound.

4. Labelling.

Each inductor to have the type number clearly and permanently printed on the top of the container.