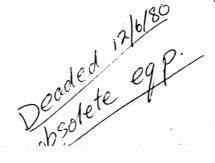
Specification for winding and assembly of NZBC 8053 Inductors.

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 Al. \* Winding wire.single conductor, Self fluxing fine enamelled copper 36 SWG.

Inductance	Tolerances		Turns.
L.mH.	Minimum.L.	Maximum.L.	
969			785.5
815	781	840	720.5
685	664	706	660.5
576	559	593	605.5
484	470	498	554
407	395	419	510
342	<b>3</b> 32	352	466
288	279	297	427
-	-	The state of the s	START

The contractor shall supply all the materials as listed.

Philips Pot Cores. type P36/22	K300395
Former. Container.	P505586 B141052
Spring.	B148024
Tag Plate.	P405730
Adjuster	P505699
Self fluxing fine enamelled copper wire.	

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 tolerance shown in the tables of paragraph 1. If any tap is outside the tolerance the coil is to be rewound.

## Labelling.

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

## 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 750 mV.

Adjustor to be sealed with seeling new when Inductance correct.

Before production of quantity ordered a sample shall be forwarded to NZBC. Head Office Equipment Section.

37 Marjoribanks St. Wellington.

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