

*Release for transferred
Production*



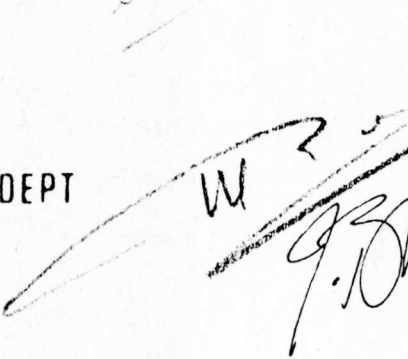

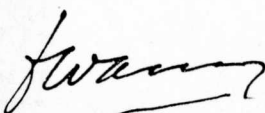

D. 7-11

THE UNDERSIGNED AGREE TO

**RELEASE FOR TRANSFERRED
PRODUCTION**

OF INSTRUMENT CATHODE-RAY TUBE

TYPE D.7-11
(Production Centre: Brive)

NAME	DEPARTMENT	SIGNATURE
Mr. Modderman	COMMERCIAL DEPT	
Mr. Verhoeven	DEVELOPMENT DEPT	
Mr. Radstake Mr. Bru	MANUFACTURING DEPT	 
Mr. Wassenaar Mr. Menet	QUALITY LABORATORY	 

DATE 18.2.1975

ELCOMA

KWALITEITS LABORATORIUM PROFESSIONELE KATODESTRAALBUIZEN

RAR-84/75.034

2-1

75-02-21

ONDERWERP : Release for transferred production in Brive of type:
DH7-11

The CRT type D7-11 made in Brive has been tested in Eindhoven on several parameters according to the F,L and life test specifications, to come to a.

" Release for transferred production " in Brive.

Annexed reports give test-and measuring-results of the above mentioned CRT -types.

As can be seen from the results, summarised in report RAR 84/75035 dated 75-02-21, these type can be given,

" Release for transferred production " in Brive.

K. Wassenaar.

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ONDERWERP :

3) Summary of L-test results

- batch 1 The electrical and mechanical measurements are satisfactory
 batch 2a The mean value of -Vg1 is rather low, but within tolerances
 b Modulation of some tubes is rather high, but within tolerances
 The remaining electrical and mechanical measurements are satisfactory.
 batch 3 1 Tube -Vg1 and Ik rather low but within tolerances
 The remaining electrical and mechanical measurements are satisfactory.

Remark: Except the faults occurring in the first batches as already mentioned in summary of test 11 results, the results are good.

4) Summary of lifetest results

- batch 1 The results are satisfactory
 batch 2 The results are satisfactory
 batch 3 2 Tubes Ik after 1000 hours rather low but within tolerances.
 2 Tubes gasvalue good after 1000 hours

Burned over tubes (50.150): 1 tube insulation K/C1 after 1000 hours (to repair gas and/or emission): 1 tube modulation too high after 1000 hours.

Remark: The general impression is good.

5) Conclusion

From the results we conclude that there is no objection against release of C.L.T. type DH7-11 for production and measuring in Drive.

G. Geervers

Copy Messrs.: Dechering
 Menet
 Varekamp
 Wassenaar

RELEASE FOR TRANSFERRED PRODUCTION DH7-11

Received 15 samples.

6 x poor insulation I/G1 2 x 300 μ A

1 x 165 μ A

1 x 140 μ A

1 x 24 μ A

1 x 10 μ A Limit \leq 4 μ A.

Result analysis:

tube number 83

The poor insulation is caused partly by a big getter mirror.
The other part is caused by a depositing proces in grid one.
Metal and/or barium is deposited on the cathode holder.
(wrong sweeping?)

2 x gas value too high 72nA

140nA Limit \leq 50nA

1 x modulation too high (black cathode)

1 x IF too high 10¹ mA Limit \leq 100 mA.

5 x tubes are good.

E test and life test will be measured.

G. Geovers.

Copy Messrs.:

Dechering

Menet

Varekamp

Wassenaar.

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KWALITEITS LABORATORIUM PROFESSIONELE KATODESTRAALBUIZEN

RAR 84/74.141

1

74-10-24

ONDERWERP : Release for transferred production DR/-11 batch 2

Received 65 pieces

marked C23
E41

Results 22 pieces good
33 pieces gasvalue too high
6 pieces modulation too high
2 pieces dirt in diaphragm.
1 piece spot burned in
1 piece stains in powder

39 pieces for sweeping to the factory

After sweeping and 1 week shelflife test
33 pieces good
6 pieces gascross

Total results after repair: 55 ex good, 10 rejected

G. Gevers.

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Menet
Varekamp
Wassenaar.

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KWALITEITS LABORATORIUM PROFESSIONELE KATODESTRAALBUIZEN

RAR 84/74.142

5-1

74-11-08

ONDERWERP : Release for transferred production D17-11

Batch 3

Received 35 pieces

marked C93
E41

Results: 26 pieces gasvalue too high
1 piece spotcharging Y
2 " dirt in diaphragm
1 " modulation too high
5 " good

From this batch 10 pieces swept again in Eindhoven.

After sweeping: 1 tube gascross
1 tube modulation too high
8 tubes good

Afterwards: 5 tubes on sheliflife test for 1 week
5 tubes on life test for 1 week

The tubes on life test better than before (will be kept on life test untill 1000 hours)

The tubes on sheliflife test, no changing of values of the good tubes
The bad tubes are worse.

Afterwards we have send the lot of 17 tubes for sweeping to the factory (The rest of the batch)

After 1 week sheliflife test

Results: 3 pieces gascross
14 pieces good

Total results after sweeping in Eindhoven

22 tubes good
1 tubes spotcharging Y
2 tubes dirt in diaphragm.
4 tubes gascross
1 tube modulation too high
5 tubes on life test.

G.Geevers

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Menet
Varekamp
Wassenaar

