

**RELEASE FOR
TRANSFERRED
PRODUCTION**

IN BRIVE OF TYPES:

D 10.170 ...

ELCOMA

KWALITEITS LABORATORIUM PROFESSIONELE KATODESTRAALBUIZEN

RAR-85/75.244

3-1

75-12-04

ONDERWERP : Release for transferred production in Brive of
CRT type D10-170...

The CRT type D10-170... made in Brive is tested in Eindhoven on several parameters according to the F, L and lifetest specifications, to obtain "Release for transferred production" in Brive.

Annexed reports give summaries of test and measuring results of the above mentioned tube. As can be seen from the results summarised on sheet 2 and 3 this type can be given "Release for transferred production" in Brive.

K.Wassenaar.

Copy to Messrs.: v.Geffen
Mathijssen
Mulder
Peper
Radstake
Varekamp
Verhoeven
Modderman
Weyer
Menet } Brive
Bru }

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RAR-84/75.244

3-2

75-12-03

ONDERWERP : Release for transferred production D10-170GH

- 1) See reports RAR-84/75.181 content L test and lifetest results batch 1
75.182 content L-test and lifetest results batch 2

RAR-84/75.118 content test II results batch 1
75.137 content test II results batch 2
75.144 content test II results batch 3
75.160 content test II results batch 4
75.193 content test II results batch 5
75.245 content test II results batch 6
75.223 content test II results batch 7

2) Summary of test II results

Received 7 batches(315 tubes)
Good after repair(mostly on silicat stains) 313 pieces
1 tube usefull scan too small
1 tube loose wire of the mesh.

3) Summary of L test results

The brightness is rather low.
1 tube bad mesh quality
The other mechanical and electrical measurements are good.

4) Summary of life test results

0 hours results
The brightness is rather low
1000 hours
The results are satisfactory

5) Conclusion

From the results we conclude that there is no objection against the release of the C.R.T. D10-170GH for production and measuring in Brive, with exception that the outside inspection (silicat stains) needs improvement.

G.Geevers(approved K.Wassenaar)

ELCOMA

KWALITEITS LABORATORIUM PROFESSIONELE KATODESTRAALBUIZEN

RAR-84/75.244

3-3

75-12-04

ONDERWERP :

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Peper
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KWALITEITS LABORATORIUM PROFESSIONELE KATODESTRAALBUIZEN

RAR-84/75.181

8-1

75-10-15

ONDERWERP : Release for transferred production D10-170GH batch 1

L test results

The brightness is rather low.

The other electrical and mechanical measurements are good.

Life test results

a) 0 hours The brightness is rather low

b) 1000 hours The results are satisfactory

G.Geevers

Copy to Messrs.: Honig
Menet
Varekamp
Wassenaar

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CONTROLE - CONTROLE
KONTROLIE - TEST

L-elektrisch

CODE N:
TYPE

D10-170GH (8E-6M-6P)

N.V. PHILIPS' GLOEILAMPENFABRIEKEN EINDHOVEN NEDERLAND

METING	Deflectiefactor				Exc.defl. fact				Geas kwal.				Uitsturing				Lineariteit				Restererv.			
	Y1		Y2		X1		X2		Y		X		Y1		Y2		X1		X2		Y		X	
	5-11-12-15-54		A6		A6		A6		114		1-11-22-42-56-135		A6		A6		A6		A6		A6		A6	
OPM (T)	5-11-12-15-54		A6		A6		A6		114		1-11-22-42-56-135		A6		A6		A6		A6		A6		A6	
SCHEMA (T)	A6		A6		A6		A6		A6		A6		A6		A6		A6		A6		A6		A6	
1	3,6	3,6	13,2	13,2	0	0	0	0	114	34	34	41	41	41	41	41	41	41	41	41	41	41	41	
2	3,5	3,5	13,2	13,2	0	0	0	0	114	34	34	41	41	41	41	41	41	41	41	41	41	41	41	
3	3,6	3,6	13,3	13,3	0	0	0	0	114	33	33	41	41	41	41	41	41	41	41	41	41	41	41	
4	3,5	3,5	13,1	13,1	0	0	0	0	114	35	35	43	43	43	43	43	43	43	43	43	43	43	43	
5	3,5	3,5	13,2	13,2	0	0	0	0	114	35	35	43	43	43	43	43	43	43	43	43	43	43	43	
\bar{X}	3,53	3,53	13,2	13,2	0	0	0	0	114	34	34	41	41	41	41	41	41	41	41	41	41	41	41	
R	0,15	0,15	0,2	0,2	0	0	0	0	114	3	3	4	4	4	4	4	4	4	4	4	4	4	4	
MIN	3,3	3,3	12,2	12,2					114	30	30	40	40	40	40	40	40	40	40	40	40	40	40	
MAX	3,7	3,7	13,8	13,8					114	30	30	40	40	40	40	40	40	40	40	40	40	40	40	
X MIN									114															
X MAX									114															
R MAX									114															
MIN									114															
MAX									114															
FENHEDEN	V/cm	V/cm	V/cm	V/cm	V/cm	V/cm	V/cm	V/cm	V/cm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	

CONCLUSIE:

1 Come dist on max.

832

(1) - 216 RV-63-Q142

D10-170..

GEZIEN:

VOOR:

ONTVANGEN OP:

STEMPEL:

27-5-69

PAR
PAR
PAR
SIGN

BLADEN
BLATTER
FEUILLES
SHEETS

BLAD
BLATT
FEUILLE
SHEET

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27-5-60

101

010-170.

Vf	(V-)	STEMPEL:			ONTVANGEN OP:			VOOR:			GEZIEN:			
		inst	6,3	inst	6,3	inst	6,3	inst	6,3	inst	6,3	inst	6,3	
Vg1	(V-)	1	1	1	1	1	1	1	1	1	1	1	1	
Vg2	(KV-)	1	1	1	1	1	1	1	1	1	1	1	1	
Vg3	(V-)	1	1	1	1	1	1	1	1	1	1	1	1	
Vg7	(KV-)	6	6	6	6	6	6	6	6	6	6	6	6	
Vy	(V-)	R	R	R	R	R	R	R	R	R	R	R	R	
Vz	(V-)	60	80	80	80	80	80	80	80	60	60	60	60	
Ig7	(VA)	10	10	10	10	10	10	10	10	10	10	10	10	
Lijnbreedte														
METING		Y mid. boven	X mid. boven	X links onder	X links mid. onder	X rechts onder	X rechts mid. onder	X rechts boven	Y mid. boven	Y links onder	Y links mid. onder	Y rechts onder	Y rechts mid. onder	Y rechts boven
OPM (T)		1-11-33 61-65	1-11-33 55-61	1-11-33-61-62										
SCHEMA (T)		A6	A6	A6	A6	A6	A6	A6	A6	A6	A6	A6	A6	A6
BUSNUMMER	1	043	041	037	035	034	033	033	033	043	043	044	044	044
	2	041	040	038	038	037	037	037	037	040	041	041	041	041
	3	041	041	040	040	038	038	038	038	040	041	041	041	041
	4	043	043	039	039	038	038	038	038	040	041	041	041	041
	5	043	043	039	039	038	038	038	038	040	041	041	041	041
\bar{X}		041	041	039	039	038	038	038	040	041	041	041	041	041
R		002	003	003	006	006	006	006	006	002	002	002	002	002
EISEN:		MIN.												
		MAX.	0,5											
		X MIN.												
		\bar{X} MAX.												
		R MAX.												
		MIN.												
		MAX.												
EENHEDEN		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CONCLUSIE:														

CONTROLE • CONTROLE
KONTROLLE • TEST

La-elektrisch

PAR PAR PAR PAR PAR
SIGZ

BLADEN
BLATT
FEUILLES
SHEETS

BLAD
BLATT
FEUILLE
SHEET

CODE N. 010-170CH (DE-CH-GP)

TYPE

(T) - 210 NY-6-30/483