

Anmärkingar/Remarks	SESEL		Forts/Next sh —
	FRONT PANEL LAYOUT		Littera —
Senaste Ändring/ Last revision	LAYOUT		Antbl/Tot sh 1
Best nr/Order No.	Konstr./Design	Gransk./Check	Ritning nr/Drawing No.
	<b>S.E.S. Scandinavian Electronics AB</b>	Godk./Approv	2087-32
		Erstattn./Replaces	2087-32
		Datum/Date	20873201.DWG
		1995-06-04	A3

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## ADJUSTMENT INSTRUCTION

SESSEL Selector and air/fuel oil ratio unit



Master controller output  
(Normally)

Fixed load setting  
Master disconnected

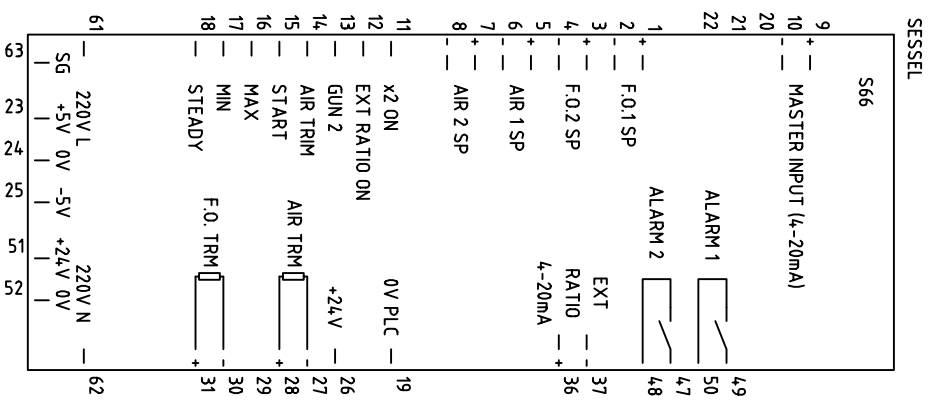
Air/fuel oil ratio setting

## SETTING INSTRUCTION

1. Push the pushbutton of the setting you want to adjust
2. Read the actual value at the digital display
3. Adjust the potentiometer belonging to the actual pushbutton. FIXED LOAD potentiometer is at the SESCON front. All other potentiometers are in the SESCON right side

## CHECKING OF AN ACTUAL VALUE

1. You can press any pushbutton at any time to check an actual value. As soon as the pushbutton is released the digital display will show the master output



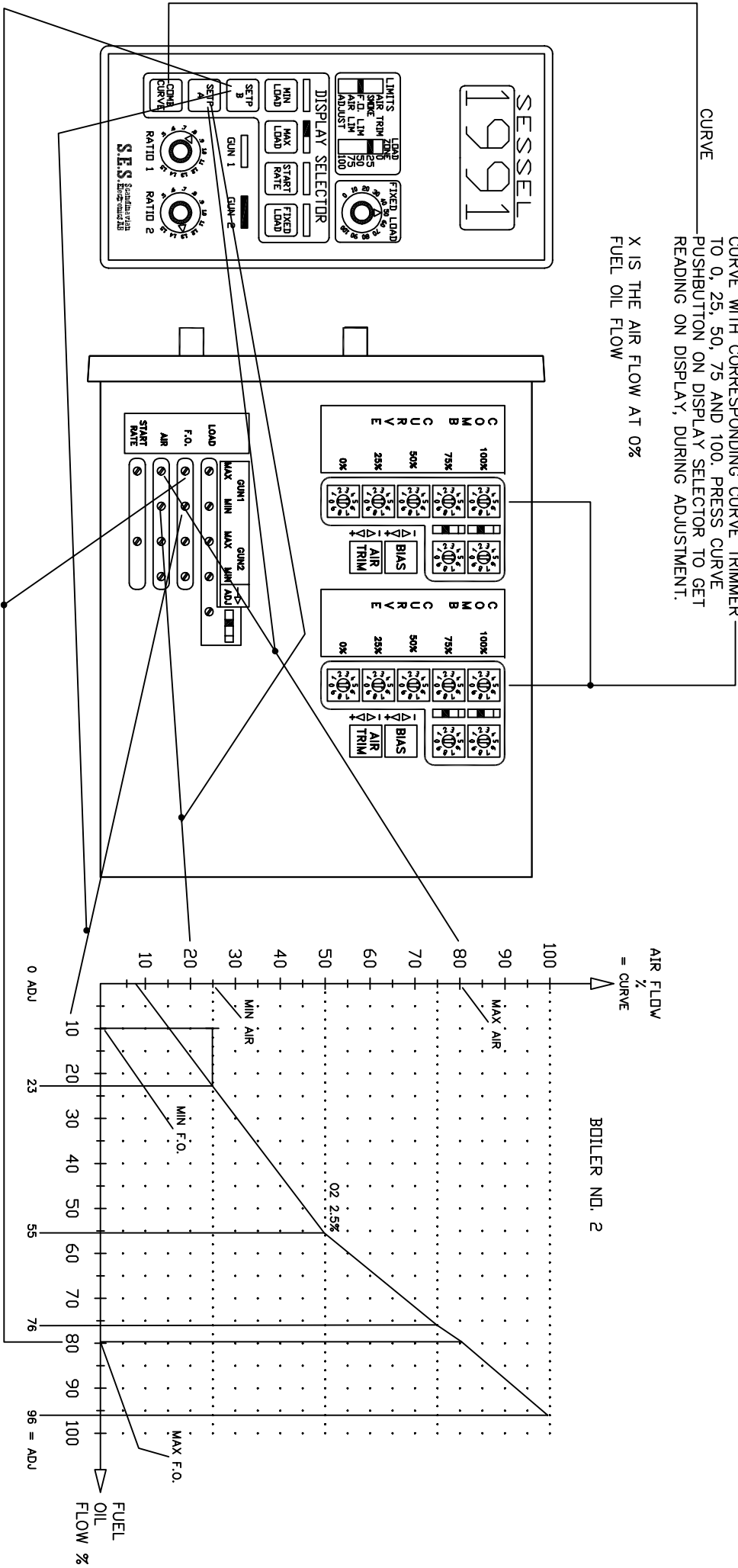
Anmärkning/Remarks			
Sensate Andring/ Last revision			
Beak nr/Order No.			
Antagning/Print SESSEL			
Benämning/Designation ELECTRICAL CONNECTION			
Konstr./Design	Gransk./Check	Godk./Approv	Ersätter/Replaces
Datum/Date 2003-05-27			
Ritning nr/Drawing No. 4816-31	Antal/Total sh 1	Blad/Sheet 1	Storl./Size A3

**SESSEL ADJUSTMENT INSTRUCTION**

INITIAL SETTINGS: RATIO 1,0  
 BIAS = AIR TRIM = 0  
 ADJ SWITCH IN IT'S RIGHT HAND POSITION  
 ADJUST DISPLAY READING WITH ADJ POT  
 TO A VALUE EQUAL TO THE F.O. FLOW THAT  
 CORRESPONDES TO X, 25, 50, 75 AND 100%  
 AIR FLOW (EXAMPLE = 0, 23, 55, 76 AND 96)

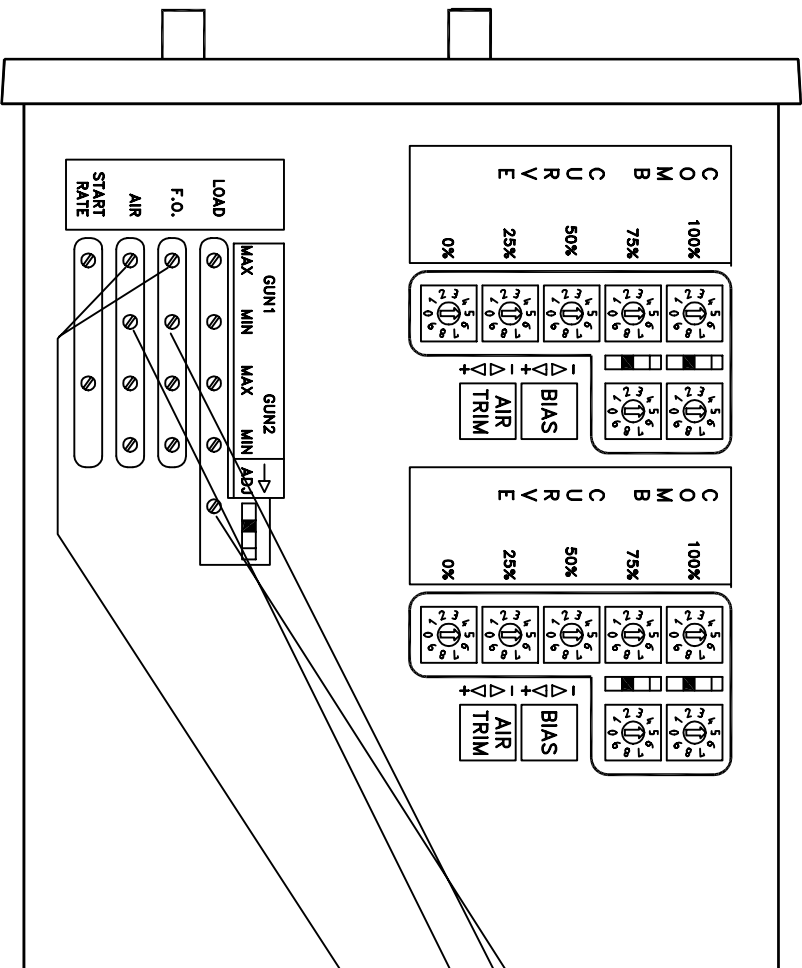
FOR EACH POINT, PLEASE ADJUST YOUR  
 CURVE WITH CORRESPONDING CURVE TRIMMER  
 TO 0, 25, 50, 75 AND 100. PRESS CURVE  
 PUSHBUTTON ON DISPLAY SELECTOR TO GET  
 READING ON DISPLAY, DURING ADJUSTMENT.

X IS THE AIR FLOW AT 0%  
 FUEL OIL FLOW



Änndrskning/Remarks: Senaste Ändring/Last revision: Literna: Antal/Tot sh: Blad/Sheet: Forts/Next sh: 2

Anläggning/Plant <b>SESSEL</b>		Konstr./Design <b>COMBUSTION CURVE ADJUSTMENT</b>		Datum/Date 1992-11-30		Filling nr/Drawing No. <b>31-2523</b>		Stor/Size A3	
Best nr/Order No.		Granskt/Check		Godk./Approv		Ersätter/Replaces		Blad/Sheet 1	
<b>S.E.S. Scandinavian Electronics AB</b>		BOILER NO. 2		02.25%		MIN AIR		MAX AIR	



AFTER THE COMBUSTION CURVE IS ADJUSTED  
PLEASE TRIM MIN AND MAX POINTS:

UNSCREW ADJ TRIMMER FOR ZERO READING ON DISPLAY.  
PRESS SETP B SWITCH ON PANEL FOR F.O. SETPOINT  
READING ON DISPLAY AND ADJUST MIN F.O.  
PRESS SETP A SWITCH ON PANEL FOR AIR SETPOINT  
READING ON DISPLAY AND ADJUST MIN AIR.

SCREW ADJ TRIMMER FOR MAX READING (?00) ON DISPLAY  
ADJUST MAX AIR AND MAX F.O. AS DESCRIBED FOR MIN ABOVE.  
WHEN AIR FLOW OR F.O. FLOW ARE LIMITED BY THESE  
ADJUSTED VALUES THE AIR LIM OR F.O. LIM LAMPS ON FRONT  
PANEL ARE LIT UP.

TO AVOID LOAD AREAS WHERE BAD COMBUSTION CAUSES IN-  
CREASED O2 CONTENT MAX AND MIN LOAD LIMITS ARE SEL-  
ECTED DURING INERT GAS PRODUCTION FOR INSTANCE. PLEASE  
ADJUST LOAD LIMITS TO PROPER VALUES FOR THAT PURPOSE.  
ADJUSTED VALUES CAN BE CHECKED BY PRESSING MIN LOAD  
OR MAX LOAD ON FRONT PANEL. ON FRONT PANEL INDICATOR  
LAMPS SHOWS WHEN LOAD LIMIT IS ACTIVATED (GREEN) AND  
OBTAINED (RED).

Anmärkning/Remarks

Sista Ändring/  
Last revision

Best nr/Order No.

Anläggning/Plant

SESSEL

Designation

COMBUSTION CURVE ADJUSTMENT

**S.E.S.** Scandinavian  
Electronics AB

Konstr./Design

Godk./Approv

Littera

Stor/  
Size

Datum/Date

1994-11-15

Fi nr/File No.

31252302.DWG

Ändr nr/Drawing No.

31-2523

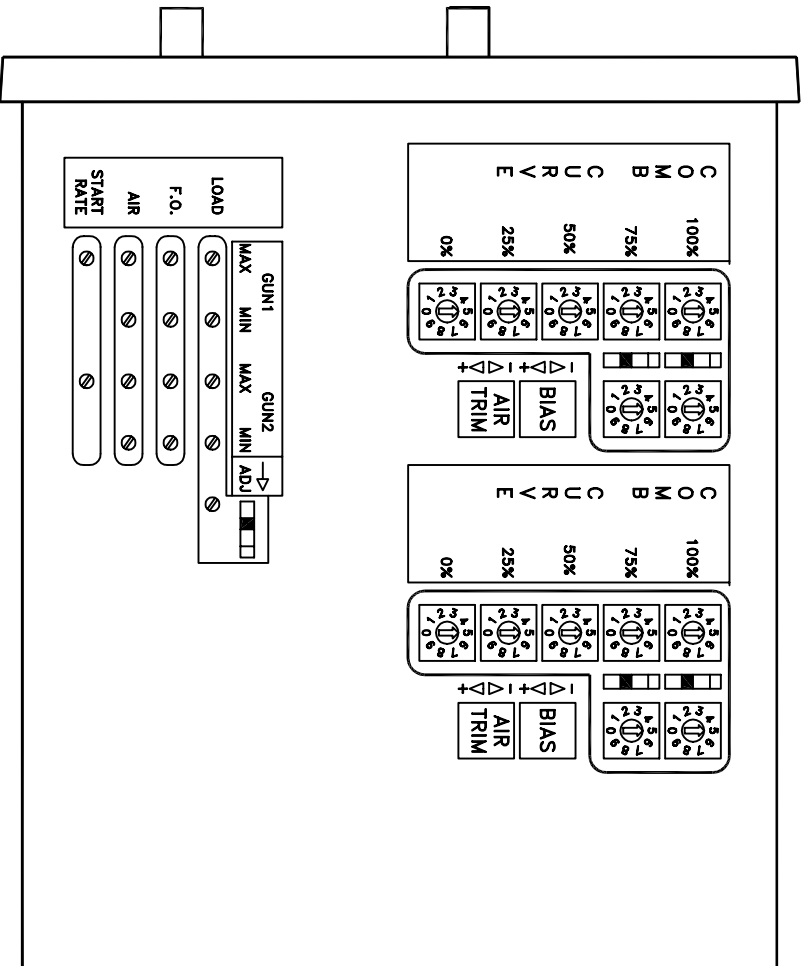
A3

Jmf rth/See drawing

Antal/Tot sh

Blad/Sheet

2



NAME: \_\_\_\_\_ CONTROLLER

TYPE NO: \_\_\_\_\_ CODE: \_\_\_\_\_

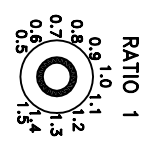
BOILER: \_\_\_\_\_ SCHEMATIC NO: \_\_\_\_\_

DATE: \_\_\_\_\_ SIGN: \_\_\_\_\_

REMARK: \_\_\_\_\_

COMBUSTION CURVE GUN 1

SETTING	SETTING
100%	BIAS
75%	AIR TRIM
50%	
25%	
0%	



COMBUSTION CURVE GUN 2

SETTING	SETTING
100%	BIAS
75%	AIR TRIM
50%	
25%	
0%	



GUN 1 GUN 2

	MAX	MIN	MAX	MIN
LOAD				
FUEL OIL				
AIR				
START RATE				

Anmärkning/Remarks

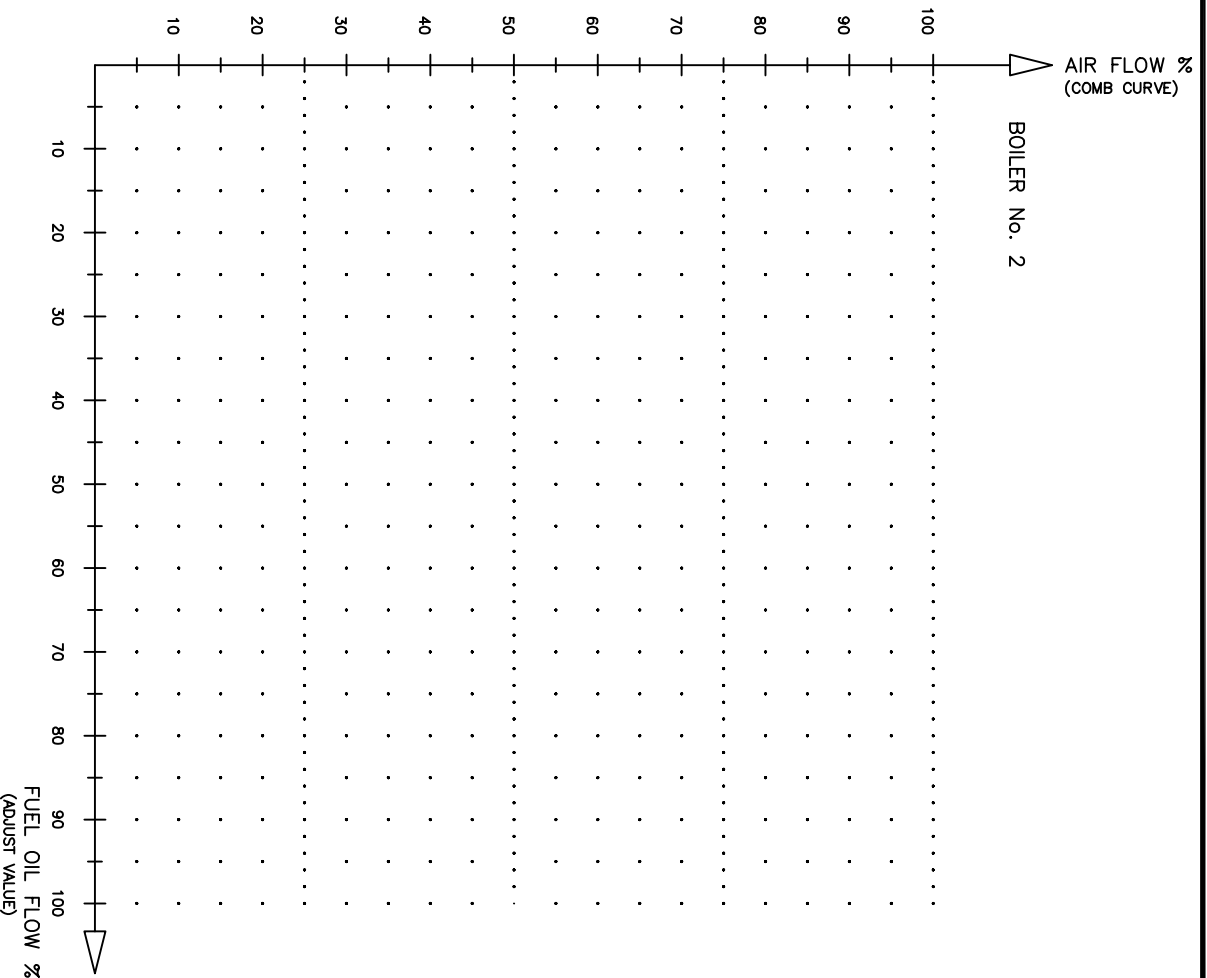
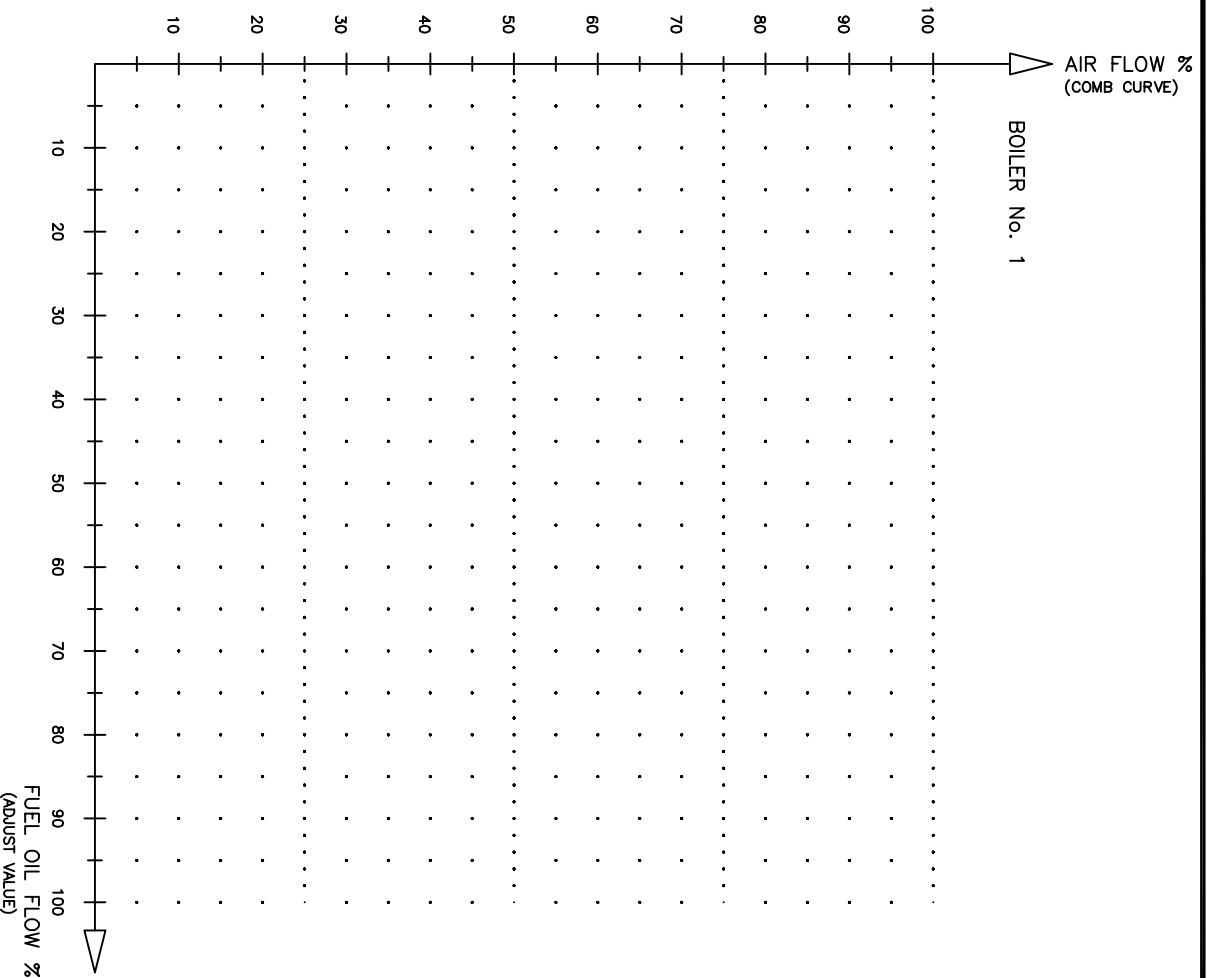
Sista Ändring/  
 Last revision  
 1994-02-07  
 Best nr/Order No.

Anläggning/Plant  
 SESSEL  
 Designation  
 SESSEL ADJUSTMENT INSTRUCTION

Konstr./Design  
 Datum/Date  
 1990-12-01

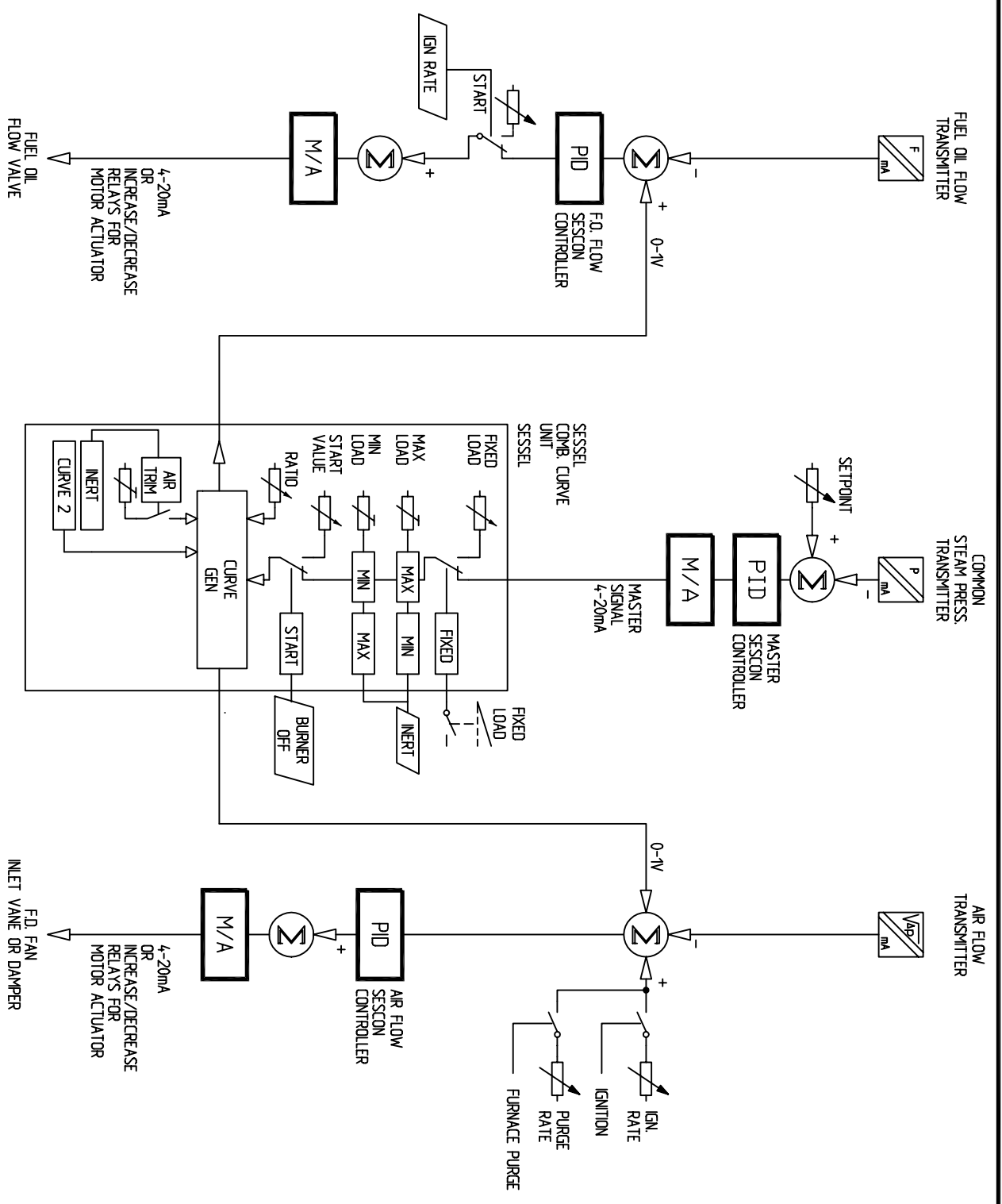
Godk./Approv  
 Erstatte./Replaces  
 Ritning nr/Drawing No.  
 31-2250  
 Littera  
 Antal/Tot sh  
 Blad/Sheet  
 2  
 Forts/Next sh  
 3  
 Storl/Size  
 A3





Änndrningar/Remarks

Senaste Ändring/ Last revision		Ählaggning/Plant	
Best nr/Order No.		Benämning/Designation	
<b>BOILER COMBUSTION CURVE</b>			
<b>S.E.S. Scandinavian Electronics AB</b>			
Konstr./Design	Granskt/Check	Godk./Approv	Ersätter/Replaces
Datum/Date	2000-02-22	Fi nr/File No.	41033101
Littera		Förts/Next sh	
Ritning nr/Drawing No.		Antal/Tot sh	
4103-31		Blad/Sheet	
Stor/Size		A3	



Anmärkning/Remarks

Sista Ändring/  
Last revision

Best nr/Order No.

Ählaggning/Plant  
SESSEL

Benämning/Designation  
COMBUSTION CONTROL SYSTEM

Utgåva/Version  
2001-12-14

Utformad/Design  
Gottf./Check

Godk./Approv  
Ersätter/Replaces

Littera

Antal/Total sh

Blad/Sheet

Utgivningsnr/Drawing No.  
4464-31

Storlek/Size  
A3

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INDUSTRIES