

DAFTAR PUSTAKA

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LAMPIRAN

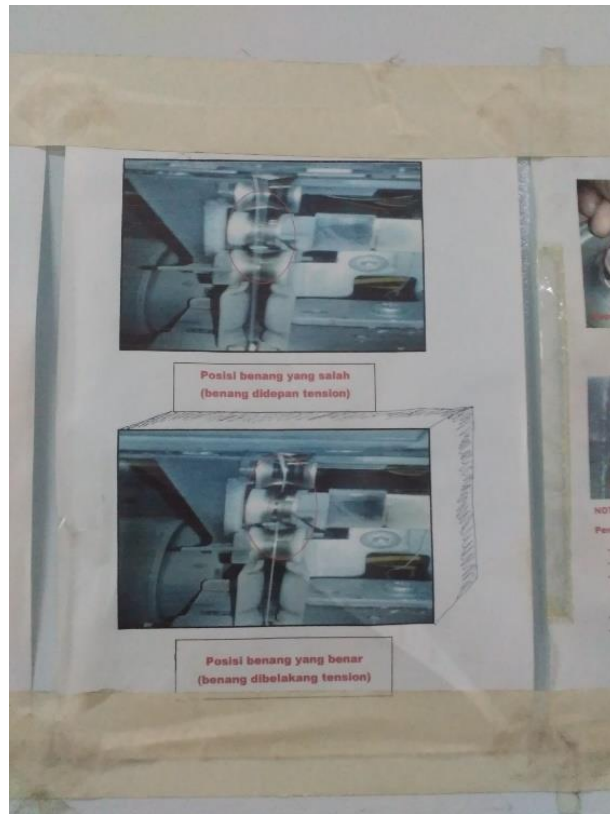
Lampiran 1 gambar kode eror E143



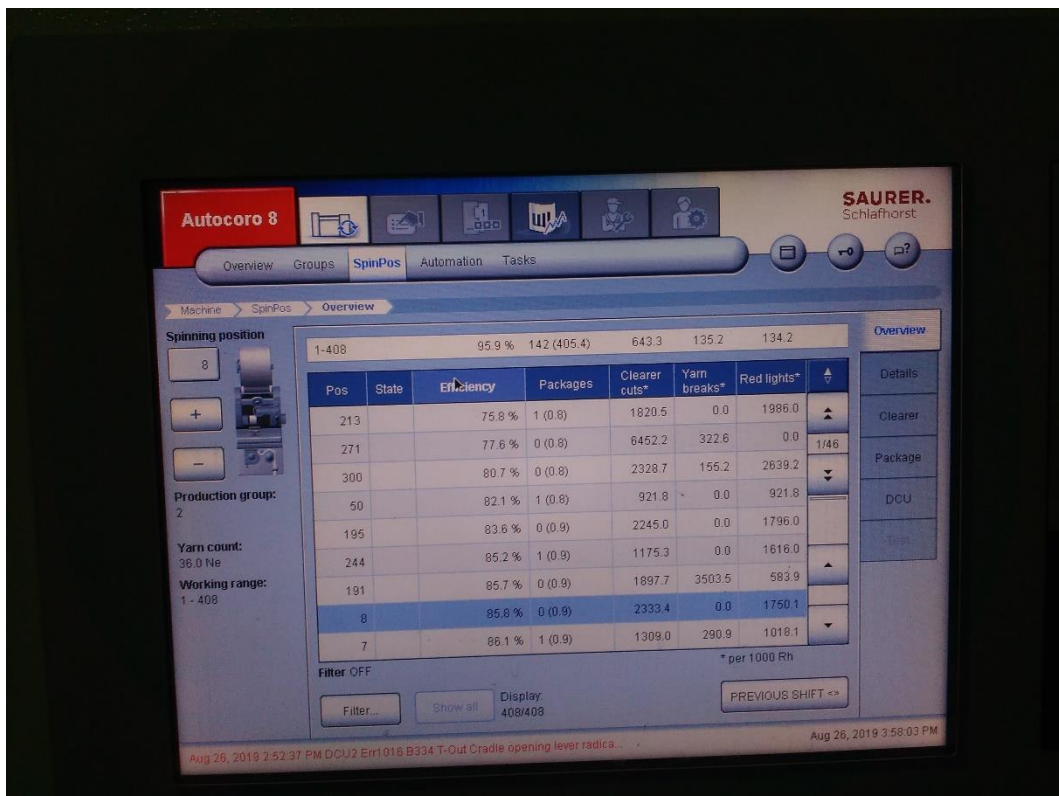
Lampiran 2 gambar kode eror E125




Lampiran 3 gambar kesalahan jalur benang



Lampiran 4 gambar urutan efisiensi terendah pada layar mesin *Open End*



Lampiran 5 data pengecekan suhu dan RH

		FORMULIR LOG SHEET AIR CONDITIONING & TVM UNIT 1													FRM.UTY.01-04-01 No. Revisi : Tgl. Terbit :	
DATE: 24-08-2019		SHIFT 1					SHIFT 2					SHIFT 3			Keterangan	
Name	Jam	6	8	10	12	14	16	18	20	22	24	2	4			
Ac 2																
Return Air Sensor																
Return Temperature	°C	36.8	35.3	34.1	35.0	35.6										
Return Humidity	%	35.3	34.7	33.7	34.3	36.6										
Return Entalphy	%	40.3	40.2	40.2	39.8	40.9										
SP. Temp. Room	°C	26.0	26.0	26.0	26.0	26.0										
Filter Differensial Pressure (TFB)	Pa	223	225	153	149	161										
Room Sensor Temperature																
MVS 1																
Room Humidity	%	51.1	51.8	51.7	51.8	48.7										
Set Point Room Humidity	%	55.0	55.0	55.0	55.0	55.0										
Room Temperature	°C	28.0	27.9	28.3	29.5	30.3										
OE																
Room Humidity	%	50.9	55.1	51.9	50.5	47.1										
Set Point Room Humidity	%	55.0	55.0	55.0	55.0	55.0										
Room Temperature	°C	29.4	28.8	29.1	30.0	30.0										
MVS2																
Room Humidity	%	53.7	55.2	52.1	51.7	52.1										
Set Point Room Humidity	%	55.0	55.0	55.0	55.0	55.0										
Room Temperature	°C	28.1	28.1	28.5	29.0	29.4										
AC 3																
TFO																
Temperatur	°C	22.1	21.9	21.8	21.7	21.7										
Room Humidity	%	61.7	58.0	58.4	58.8	58.8										
Set Point Room Humidity	%	65.0	65.0	65.0	65.0	65.0										
Filter Differensial Pressure (TFB)	Pa	-1	-1	-3	-5	-1										

Phitungan RPM *opening roll*

$$\text{Twist} = \frac{\text{RPM Spindle}}{\text{SS Front Roll}}$$

$$19,17 = \frac{115000}{n \times 3,14 \times 64,5}$$

$$n = 764,19 \text{ RPM}$$

Phitungan RPM *feed roll*

$$\text{Diameter feed roll} = 20 \text{ mm}$$

$$\text{Ne masuk} = 0,143$$

$$\text{Ne keluar} = 30$$

$$\text{Draft} = 209,79$$

$$\text{Waste} = 0,5$$

$$\text{MD} = \text{AD} \times \frac{100}{100 - \text{waste}}$$

$$= 209,79 \times \frac{100}{100 - 0,5}$$

$$= 210,84$$

Jadi RPM *feed roll*

$$210,84 = \frac{764,19 \times 3,14 \times 2,5}{n \times 3,14 \times 0,78}$$

$$n = 11,61 \text{ RPM}$$