

1	rs: railsensor	assumption
2	bk: besturingskast	assumption
3	bl: bel	assumption
4	sb: slagboom	assumption
5	lu: lichtunit	assumption
6	tr: T	assumption
7	SB \rightarrow B	assumption
8	SC \rightarrow SB \wedge SL \wedge SS	assumption
9	T \rightarrow SC	assumption
10	T	assumption
11	SC	\rightarrow e 9,10
12	SB \wedge SL \wedge SS	\rightarrow e 8,11
13	SB	\wedge e ₁ 12
14	B	\rightarrow e 7,13
15	SL \rightarrow R	assumption
16	SC \rightarrow SB \wedge SL \wedge SS	assumption
17	T \rightarrow SC	assumption
18	T	assumption
19	SC	\rightarrow e 17,18
20	SB \wedge SL \wedge SS	\rightarrow e 16,19
21	SL \wedge SS	\wedge e ₂ 20
22	SL	\wedge e ₁ 21
23	R	\rightarrow e 15,22
24	SS \rightarrow D	assumption
25	SC \rightarrow SB \wedge SL \wedge SS	assumption
26	T \rightarrow SC	assumption
27	T	assumption
28	SC	\rightarrow e 26,27
29	SB \wedge SL \wedge SS	\rightarrow e 25,28
30	SL \wedge SS	\wedge e ₂ 29
31	SS	\wedge e ₂ 30
32	D	\rightarrow e 24,31
33	R \wedge D	\wedge i 23,32
34	B \wedge R \wedge D	\wedge i 14,33
35	T \rightarrow B \wedge R \wedge D	\rightarrow i 6-34
36	lichtunit \rightarrow T \rightarrow B \wedge R \wedge D	\rightarrow i 5-35
37	slagboom \rightarrow lichtunit \rightarrow T \rightarrow B \wedge R \wedge D	\rightarrow i 4-36
38	bel \rightarrow slagboom \rightarrow lichtunit \rightarrow T \rightarrow B \wedge R \wedge D	\rightarrow i 3-37
39	besturingskast \rightarrow bel \rightarrow slagboom \rightarrow lichtunit \rightarrow T \rightarrow B \wedge R \wedge D	\rightarrow i 2-38
40	railsensor \rightarrow besturingskast \rightarrow bel \rightarrow slagboom \rightarrow lichtunit \rightarrow T \rightarrow B \wedge R \wedge D	\rightarrow i 1-39