

| RULES | | | | Hasil Uji Coba | | |
|------------------------|------|-------|-------|---------------------|-----------------|----------------|
| | TEMP | GAS | API | NILAI Defuzzifikasi | LEVEL KEBAKARAN | KONDISI BUZZER |
| NORMAL HIGH MED FIRE | 24 | 247 | 135 | 2.54 | MENUJU BAHAYA | ON |
| | 31 | 300 | 156 | 3.00 | BAHAYA | ON |
| | 34.5 | 600 | 104 | 3.00 | BAHAYA | ON |
| NORMAL HIGH BIG FIRE | 24 | 247 | 100 | 3.00 | BAHAYA | ON |
| | 31 | 300 | 70 | 3.00 | BAHAYA | ON |
| | 34.5 | 600 | 10 | 3.00 | BAHAYA | ON |
| SEDANG LOW NO FIRE | 35 | 0 | 1023 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 37 | 50 | 170 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 42 | 90 | 160.5 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| SEDANG LOW MED FIRE | 35 | 0 | 135 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 37 | 50 | 156 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 42 | 90 | 104 | 2.50 | MENUJU BAHAYA | ON-OFF-ON-OFF |
| SEDANG LOW BIG FIRE | 35 | 0 | 100 | 3.00 | BAHAYA | ON |
| | 37 | 50 | 70 | 3.00 | BAHAYA | ON |
| | 42 | 90 | 10 | 3.00 | BAHAYA | ON |
| SEDANG MEDIUM NO FIRE | 35 | 91 | 1023 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 37 | 160 | 170 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 42 | 239.5 | 160.5 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| SEDANG MEDIUM MED FIRE | 35 | 91 | 135 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 37 | 160 | 156 | 2.00 | WASPADA | ON-OFF-ON-OFF |
| | 42 | 239.5 | 104 | 2.50 | MENUJU BAHAYA | ON-OFF-ON-OFF |
| SEDANG MEDIUM BIG FIRE | 35 | 91 | 100 | 3.00 | BAHAYA | ON |
| | 37 | 160 | 70 | 3.00 | BAHAYA | ON |
| | 42 | 239.5 | 10 | 3.00 | BAHAYA | ON |
| SEDANG HIGH NO FIRE | 35 | 247 | 1023 | 2.54 | MENUJU BAHAYA | ON |
| | 37 | 300 | 170 | 3.00 | BAHAYA | ON |
| | 42 | 600 | 160.5 | 3.00 | BAHAYA | ON |
| SEDANG HIGH MED FIRE | 35 | 247 | 135 | 2.54 | MENUJU BAHAYA | ON |
| | 37 | 300 | 156 | 3.00 | BAHAYA | ON |
| | 42 | 600 | 104 | 3.00 | BAHAYA | ON |