**CALCULATION REPORT OF INDICATOR CARDS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Drawing Date | - | - | 19 | Position | - |  |
| Type of Indicator |  |  | Scale | kg / cm2 - mm |  | Average Speed | Knt |
| Cylinder | PumpMark | I H P | Pmax | Pcomp | M.E.P. (Pi) | Exh. Temp | Log Speed | Knt |
| Pyro | Hg | F OTREAT | Brand Name: |
|  |
| INDICATER CARDS | 1 |  |  |  |  |  |  |  | Rate | /1000 |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  | FUEL OIL | Bunker Date |  |
| 4 |  |  |  |  |  |  |  | Supplier |  |
| 5 |  |  |  |  |  |  |  | Grade |  |
| 6 |  |  |  |  |  |  |  | S.G. |  |
| 7 |  |  |  |  |  |  |  | Flash Point | °C |
| 8 |  |  |  |  |  |  |  | Viscosity |  |
| 9 |  |  |  |  |  |  |  | Res.Carbon | % |
| 10 |  |  |  |  |  |  |  | Ash | % |
| 11 |  |  |  |  |  |  |  | Pour Point | °C |
| 12 |  |  |  |  |  |  |  | Water | % |
| Average |  |  |  |  |  |  |  | Sulphur | % |
| Total I H P |  | OPERATING CONDITIONTURBO CHARGE WITH M E |  | 1 | 2 | 3 | 4 |
| Mech Efficiency | % | Number |  |  |  |  |
| Actual Brake Horse Power |  | Revs Per Minute |  |  |  |  |
| Out Put Ratio | % | L O Press | kg/cm2 | kg/cm2 | kg/cm2 | kg/cm2 |
| M E OPERATING CONDITION | Eng Room Temp | °C | T Charger | Gas Temp | / | °C | / | °C | / | °C | / | °C |
| Sea Water Temp | °C | Inlet/Outlet | Cool W Temp | / | °C | / | °C | / | °C | / | °C |
| F O Temp | °C | Inlet of Fore/Outlet of Aft/L O Temp | / | °C | / | °C | / | °C | / | °C |
| F O Boost Press | kg/cm | Air Cooler In/Out Air Temp | / | °C | / | °C | / | °C | / | °C |
| F O Handle Ind |  | Air Cooler Drop Press | mmAq | mmAq | mmAq | mmAq |
| F O Pump Mark |  |  |  |  |  |  |
| Governer Index |  |  |  |  |  |  |
| Revs Per Minute |  | D G OPERATING CONDITION | Serv Engine No | No: | FO Purifier | FO Temp | °C |
| Scav Air Press | mm Hgkg/cm2 | Voltage X Amp | X | Actual Flow | l/hr |
| Load | % | Blow Interval | hr | Time/D |
| Cooling Water Temp | Cylinder | Eng Inlet | °C | LO Press | kg/cm2 | Circulate Flow | Ab | 1/hr | hr/D |
| Outlet | Max | °C | LO Cooler In / (LO) Out Temp | / | °C | LO Purifier | LO Temp | °C |
| Min | °C | Cylinder | Cool Water | Engine Inlet | °C | Actual Flow | l/hr |
|  |  | Outlet |  |  | Blow Interval | hr | Time/D |
| Piston | Eng Inlet | °C | Max | °C | Sludge/ActualFlow | kg/ | 1 |
| Outlet | Max | °C | Min | °C |  |
| Min | °C |  |  | Exh Gas Dumper Open | % |
|  |  | Exh Gas | Max | °C |  |  |
| FO CONS AT SEA | ME | Per 24 Hours | KT | Outlet Temp | Min | °C | Draft (m) | F | A |
| / Hr / BHP | gr | T Charger | T Charger In / Out Gas T | / | °C | Displacement |  |
| DG | Per 24 Hours | KT | Rev Per Minute |  | Weather |  |
| / Hr / KW | gr | Scav Air Press | kg/cm2 | Wind Direc & Force | 🛆 |
| Donkey Boiler | KT/Day | CJC Filter Press | kg/cm2 | State of Sea |  |
| Total | KT/Day | Remarks |
| LO CONS | Cylinder Oil | 1/Day |  |
| g/BHP/Hr |  |
| SystemOil | ME | 1/Day |  |
| DG | 1/Day |  |
| Stuffing Box Leak Oil | 1/Day |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **CHIEF ENGINEER** | **Name** | **Signature** | **Date** |