**RELATÓRIO TÉCNICO METALÚRGICO – LabMat**

Nome:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rel. tec. nº\_\_\_\_\_\_\_\_\_

Data:\_\_/\_\_/\_\_

**1-Inspeção visual: Assinale problemas encontrados:**

 ΋ Marcas de pancada

΋ Vestígios de soldas

΋ Azulamento por aquecimento

΋ Porosidades

Insira aqui foto do Corpo de Prova

΋ Rebarbas

΋ Trincas

΋ Polimentos locais

΋ Enferrujamento

΋ Corrosões

΋Desgaste

΋Marcas puncionadas

**2-Qual tipo de corte realizado no C.P: Desbaste com Lima:**

 ΋Corte transversal ΋Não

 ΋Corte longitudinal ΋Sim

**3-Lixamento (assinale lixas utilizadas):**

΋80 ΋120 ΋150 ΋220 ΋ 320 ΋400 ΋600 ΋800 ΋1000 ΋1200 ΋1500

**4-Polimento :**

Tempo de polimento \_\_\_\_\_\_\_\_\_ ΋ Alumina 0,3 μm ΋ Alumina 0,1 μm ΋ Pasta de diamante

**6-Ataque químico da superfície preparada:**

΋Nital ΋Picral ΋ Ácido Fluorídrico Tempo de Ataque:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**7-Análise e interpretação dos resultados:**

Insira aqui foto antes ataque com legenda

Foto depois do ataque 100x com legenda

Foto ataque 40xcom legenda

Foto depois 400x ataque se posssivel, com legenda.

**Conclusões**

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Aqui possíveis fases, problemas, porosidade, qual o possível aço com base em comparação com a literatura