

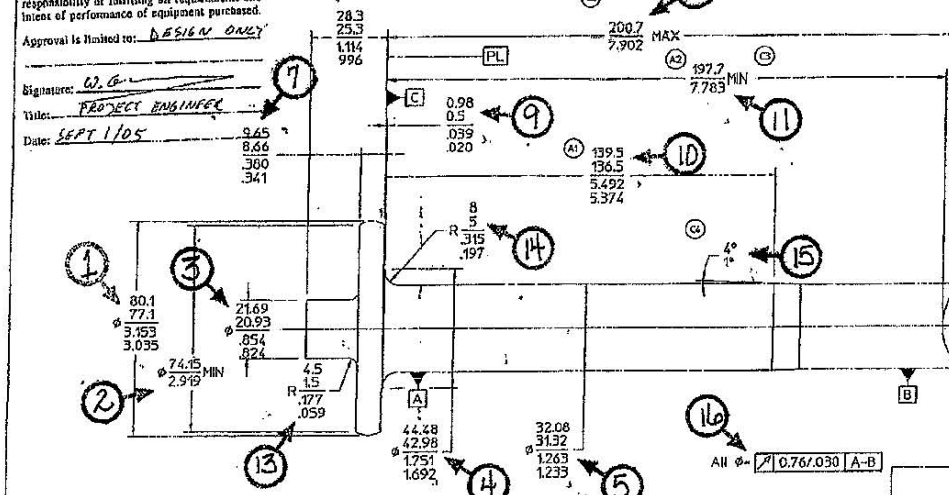
QUADRAD MANUFACTURING LTD.
 This approval does not reduce or remove any requirements, terms or conditions contained in the purchase order nor alleviate the supplier's responsibility of fulfilling all requirements and intent of performance of equipment purchased.
 Approval is limited to: **DESIGN ONLY**

PROPOSAL
 SUBJECT TO DEVELOPMENT

Signature: W.G.
 Title: PROJECT ENGINEER
 Date: SEPT 1/05

APPROVAL

Supervisor: _____
 Department Manager: J.P.
 General Manager: _____
 Accounting Manager: _____



MATERIAL: MS-3103 (SAE 8620) DI - 1.8/2.3
 ROTO TESTED

UNLESS OTHERWISE SPECIFIED ALL CORNERS TO BE 3 / 315 MAX.

NORMALIZE: PS-4 G
 TO 149 -192 HB
 BLOCKY PEARLITE MICROSTRUCTURE

PARTS MAY CONTAIN SEAMS AND SURFACE IMPERFECTIONS THAT WILL NOT EXCEED THE DEPTH OF MACHINE STOCK ALLOWANCE

REV	REVISION RECORD	DATE	BY	ECR
C4	ADDED ANGLE DIMENSION	8/31/05	J.P.	
C1	ADDED NOTE C2 C3 SHORTENED DIM		J.P.	
B	UPDATED PER DESIGN REVIEW	7/22/05	J.P.	
A2	WAS MAX/214 AND 120/211	7/27/05	RTB	
A1	WAS 131.5/18.5	1/27/05	RTB	
SYN				

ALL GEOMETRIC SYMBOLS, CHECK DIMENSIONS AND TOLERANCES AGAINST THIS DRAWING

<input checked="" type="checkbox"/> PROFILE	<input checked="" type="checkbox"/> SURFACE FINISH	<input checked="" type="checkbox"/> SURFACE TREATMENT
<input checked="" type="checkbox"/> SYMMETRY	<input checked="" type="checkbox"/> PERPENDICULARITY	<input checked="" type="checkbox"/> POSITION
<input checked="" type="checkbox"/> ANGULARITY	<input checked="" type="checkbox"/> PARALLELISM	<input checked="" type="checkbox"/> CONCENTRICITY
<input checked="" type="checkbox"/> PLAINNESS	<input checked="" type="checkbox"/> STRAIGHTNESS	<input checked="" type="checkbox"/> CIRCULAR RUNOUT
<input checked="" type="checkbox"/> ROUNDNESS	<input checked="" type="checkbox"/> COINCIDENCE	<input checked="" type="checkbox"/> TOTAL RUNOUT
<input checked="" type="checkbox"/> CHIRALITY	<input checked="" type="checkbox"/> TAPER	<input checked="" type="checkbox"/> CHIRALITY

DESCRIPTION: FORGING DRAWING FOR 52119883 UNDER DRIVE SHAFT

SCALE: 1:1

DATE: 1/15/05

UNIT: INCH

SPNO22017

PRODUCT