

TEAM COOPERHEAT-MQS, INC.

CERTIFIED RADIOGRAPHIC INSPECTION REPORT

FORM 6061-RT- 002 Rev.2

5512 W. State St. Milwaukee, WI 53208 Tel:(414)771-3060 Fax:(414)771-9481 (800)818-6403 www.cooperheat-mqs.com

CUSTOMER

NAME METAL TEK INTERNATIONAL
 ADDRESS 8600 COMMERCIAL BLVD
 CITY PEVELY STATE MO ZIP 63070

DATE

01/25/2006

WORK ORDER NO.

361-02844

P.O. NUMBER

22969

XRAY

X

GAMMA

PROCEDURE SPECIFICATION
 ASTM E94-93

ACCEPTANCE CRITERIA
 MSS-SP-54-1999

SHEET _____ OF _____

PART NUMBER	Serial No	View	No Apparent Indications		Dross		Incomplete Penetration		Shrinkage		Film Artifacts		REMARKS
			Accep- table	Reje- cted	Inclu- sion	or Por- osity	Lack of Fusion	Gas	Cracks	Hot Under Tears	Sur- face		
MCWFA-4		1-2	✓									✓	
		2-3	✓					2					
Z103990		3-4	✓										
HT# M176190		4-5	✓					2					
CO 40851		5-6	✓						2				
		6-7	✓						1			✓	
		7-8	✓		2							✓	
		8-9	✓						2			✓	
		9-10	✓										
		10-11		R	4-5			2-3					
		11-12	✓									✓	
		12-13	✓		2			1				✓	
		13-14		R				4-5					
		15-16		R	4				4				
		16-17	✓					2					
		17-18	✓		2-3							✓	
		18-19	✓										✓
		19-20		R					4			✓	
		20-21	✓					2				✓	
		21-22	✓					1					
		22-23	✓					1				✓	
		23-24	✓					1				✓	
		24-25		R				2		R			
		25-26	✓					2					

NO. ACCEPTED

0

NO. REJECTED

1

MQS TECH. NO.

12970

SHT.

REV.

COMMENTS

CUST. RSS NO.

SHT.

REV.

REVIEWER

CERTIFIED NDT LEVEL (RT)

John Petroske RT II Exp. 01/08

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ADDRESS 8600 COMMERCIAL BLVD		P.O. NUMBER	XRAY X
CITY PEVELY STATE MO ZIP 63070		22969	GAMMA
PROCEDURE SPECIFICATION ASTM E94-93	ACCEPTANCE CRITERIA MSS-SP-54-1999	SHEET OF	

[illegible]

NO. ACCEPTED	NO. REJECTED	MQS TECH. NO.	12970	SHT.	REV.
COMMENTS		CUST. RSS NO.	SHT. REV.		
		REVIEWER	John Petroske		
		CERTIFIED NOT LEVEL (RT)	John Petroske RT II Exp. 01/08		

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SHEET _____ OF _____

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			Accep- table	Reje- cted	Inclu- sion	or Por- osity	Lack of Fusion	Gas	Cracks	Hot Under Tears	Sur- face		
MCWFA-4	30-31	✓											
	31-32	✓							1				✓
Z103990	32-33			R						R			
HT# M176190	33-34	✓											
CO 40851	34-35	✓											
	35-36	✓											
	37-38			R						R			
	38-39			R					5			✓	
	39-40			R	5								
	41-42	✓											
	43-44	✓										✓	
	44-45	✓							1				
	45-46	✓											
	46-47	✓											
	47-48	✓											
	48-49	✓											
	50-51	✓										✓	
	51-52	✓											
	52-53			R						R			
	54-55	✓											
	55-56	✓											
	57-58	✓										✓	
	58-59	✓											
	59-60	✓							1			✓	
	60-61	✓										✓	

NO. ACCEPTED

⊕

NO. REJECTED

1

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ADDRESS 8600 COMMERCIAL BLVD		P.O. NUMBER	XRAY X
CITY PEVELY STATE MO ZIP 63070		22969	GAMMA
PROCEDURE SPECIFICATION ASTM E94-93	ACCEPTANCE CRITERIA MSS-SP-54-1999	SHEET ____ OF ____	

PART NUMBER	Serial No	View	No Apparent Indications		Dross		Incomplete Penetration		Shrinkage		Film Artifacts		REMARKS
			Accep- table	Reje- cted	Inclu- sion	or Slag	Por- osity	Lack of Fusion	Gas Cracks	Hot Tears	Under cut	Sur- face	
MCWFA-4		61-62		R						4			
		62-63		R							R		
Z103990	62A	63A		R							R		
HT# M176190		63-64		R	4								
CO 40851		64-65		R	4							✓	
	65	65A-66		R						5			
		66-67		R						5			
		67-68	✓									✓	
		68-69	✓									✓	✓
		69-70	✓										
		70-71	✓									✓	
		71-72	✓										
		72-73	✓									✓	
		73-74	✓										
		74-75	✓										
		75-76	✓										
		76-77		R							R		
		77-78	✓		2								
		78-79	✓										
		79-80		R					4-5				
		80-81		R	5				5				
		81-82	✓									✓	
		82-83	✓									✓	
		84-85	✓									✓	
		85-86	✓						2			✓	

NO. ACCEPTED	NO. REJECTED	MQS TECH. NO.	SHT.	REV.
0	1	12970		
COMMENTS		CUST. RSS NO.	SHT.	REV.
		REVIEWER		
		CERTIFIED NDT LEVEL (RT)		
		John Petroske RT II Exp. 01/08		

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PROCEDURE SPECIFICATION
 ASTM E94-93

ACCEPTANCE CRITERIA
 MSS-SP-54-1999

SHEET OF

PART NUMBER	Serial No	View	No Apparent Indications		Reje- Incl- cted sion		Dross or Por- Slag osity		Incomplete Penetration		Shrinkage		Hot Under Sur- Tears cut face		Film Artifacts	REMARKS
			Accep- table						Lack of Fusion Gas		Cracks					
MCWFA-4	86-87	✓									2					
	87-88	✓														
Z103990	88-89	✓													✓	
HT# M176190	89-90	✓													✓	
CO 40851	90-91	✓													✓	
	92-93				R					4						
	94-95				R						4					
	95-96				R						4-5					
	96-97				R						4-5					
	97-98	✓									2					
	98-99				R						4					
	99-100				R						5					
	100-101	✓									2					
	102-103				R					4						
	103-104	✓								1						
	104-105				R						4					
	106-107	✓														
	107-108				R					4						
	108-109				R	5				4						
	109-110				R					4	2					
	111-112	✓														
	112-113	✓														
	113-114	✓									2-3					
	115-116	✓														
	116-117	✓														

NO. ACCEPTED

0

NO. REJECTED 1

COMMENTS

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CUSTOMER		DATE	WORK ORDER NO.
NAME <u>METAL TEK INTERNATIONAL</u>		<u>01/25/2006</u>	361-02844
ADDRESS <u>8600 COMMERCIAL BLVD</u>		P.O. NUMBER 22969	XRAY X
CITY <u>PEVELY</u> STATE <u>MO</u> ZIP <u>63070</u>			GAMMA
PROCEDURE SPECIFICATION ASTM E94-93	ACCEPTANCE CRITERIA MSS-SP-54-1999	SHEET _____ OF _____	

[illegible]

NO. ACCEPTED	4	NO. REJECTED	1	MQS TECH. NO.	12970	SHT.	REV.
COMMENTS				CUST. RSS NO.		SHT.	REV.
				REVIEWER <u>John Petroske</u> CERTIFIED NOT LEVEL (RT) John Petroske RT II Exp. 01/08			

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CUSTOMER		DATE	WORK ORDER NO.
NAME <u>METAL TEK INTERNATIONAL</u>		<u>03/04/2006</u>	<u>361-03001</u>
ADDRESS <u>8600 COMMERCIAL BLVD</u>		P.O. NUMBER	XRAY <u>X</u>
CITY <u>PEVELY</u> STATE <u>MO</u> ZIP <u>63070</u>		<u>23292</u>	GAMMA
PROCEDURE SPECIFICATION	ACCEPTANCE CRITERIA	SHEET _____ OF _____	
ASTM E94-93	MSS-SP-54-1999		

PART NUMBER	Serial No	View	No Apparent Indications		Dross		Incomplete Penetration		Shrinkage		Film Artifacts		REMARKS
			Accep- table	Reje- cted	Inclu- sion	or Por- slag	osity	Lack of Fusion	Gas	Cracks	Hot Tears	Under cut	
MCWFA-4	R1	10-11	✓										
		13-14	✓										
Z103990		V15	✓		2								
HT# M176190		19-20	✓					2					
CO 40851		24-25	✓							2-3			
		28-29	✓										
		32-33	✓										
		37-38	✓										
		38-39	✓									✓	
		39-40	✓		1								
		52-53	✓									✓	✓
		44-62	✓										
		62-63	✓										
	62A	63A	✓										
		63-64	✓							2			
		64-65	✓										
	65-	65A-66	✓										
		66-67	✓							2			
		76-77	✓							2			
		79-80	✓										
		80-81	✓										
		92-93	✓										
		94-95	✓							2			
		95-96	✓							1			
		96-97	✓							1-2			

NO. ACCEPTED	<u>9</u>	NO. REJECTED	<u>1</u>	MQS TECH. NO.	<u>12970</u>	SHT.	REV.
COMMENTS				CUST. RSS NO.		SHT.	REV.
				REVIEWER	<u>John Petroske</u>		
				CERTIFIED NOT LEVEL (RT)			
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ADDRESS <u>8600 COMMERCIAL BLVD</u>		P.O. NUMBER <u>23292</u>	XRAY <u>X</u>
CITY <u>PEVELY</u> STATE <u>MO</u> ZIP <u>63070</u>			GAMMA <u></u>
PROCEDURE SPECIFICATION ASTM E94-93	ACCEPTANCE CRITERIA MSS-SP-54-1999	SHEET <u> </u> OF <u> </u>	

[illegible]

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COMMENTS				CUST. RSS NO.		SHT.	REV.
				REVIEWER	John Petroske		
				CERTIFIED NDT LEVEL (RT)	John Petroske RT II Exp. 01/08		

MetalTek

INTERNATIONAL

RADIOGRAPHIC INTERPRETATION REPORT

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