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FORM **MQ-C1**
(11-17-2005)

U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

SURVEY OF PLANT CAPACITY UTILIZATION
FOURTH QUARTER 2005 (October–December)

NOTICE – YOUR RESPONSE IS REQUIRED BY LAW (Title 13, United States Code). By section 9 of the same law, **YOUR REPORT IS CONFIDENTIAL**. It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

IMPORTANT

PLEASE READ INSTRUCTIONS AND DEFINITIONS BEFORE COMPLETING FORM

In correspondence pertaining to this report refer to the ID NUMBER (ID) (11 digits)

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

NOTE — If you need a copy of the instructions, please visit www.census.gov/cir/www/mqc1pag2.html

Item 1 OPERATIONAL STATUS

Mark (X) ONE box which best describes this establishment at the end of 2005. See instructions for reporting.

12 ☐ In operation – *Complete items 2 through 6.*
13 ☐ Temporarily idle – *See instruction sheet – Complete items 2–6.*
14 ☐ Sold or leased to another company See instruction sheet . . . . . .
15 ☐ Permanently ceased operations – *See instruction sheet.* . . . . . .

Give date sold or closed 16

Month	Year

Item 2 VALUE OF PRODUCTION

		ACTUAL PRODUCTION			
		4th QTR. 2005		4th QTR. 2004	
	$	Mil.	Thou.	Mil.	Thou.
a. Report market value of **actual production** for the 4th quarter of 2005	23				

		FULL PRODUCTION CAPABILITY			
		4th QTR. 2005		4th QTR. 2004	
	$	Mil.	Thou.	Mil.	Thou.
b. Estimate the market value of production of this plant as if it had been operating at **full production capability** in the 4th quarter of 2005.	34				

Assume:
- only machinery and equipment **in place and ready to operate.**
- normal downtime.
- Labor, materials, utilities, etc. **ARE FULLY AVAILABLE.**
- the number of shifts, hours of operation, and overtime pay that can be **sustained** under **normal** conditions and a **realistic** work schedule in the long run.
- the **same product mix** as in the fourth quarter.

c. Divide your **actual production estimate** by your **full production estimate.** Multiply this ratio by 100 to get a percentage. *Enter this percentage in the box.*

Capacity Utilization: ☐

Is this a reasonable estimate of your sustainable capacity use in the 4th quarter?

☐ Yes ☐ No – *Please review your full production estimate*

d. If your estimate of 2005 fourth quarter **full production capability** has changed compared to 2004, mark (X) the primary reasons.

35 ☐ Building capital expenditures
36 ☐ Machinery capital expenditures – *Include new, replaced, or enhanced machinery*
37 ☐ Building retirements
38 ☐ Machinery retirements
39 ☐ Price changed but product mix is the same
40 ☐ Revised estimation assumption with no change in plant or operations
41 ☐ Change in method of operation
42 ☐ Change in product mix or product specifications
43 ☐ Change in material input
48 ☐ Other – *Specify*

49

Item 3 WORK PATTERNS OF FOURTH QUARTER OPERATIONS 2005

Column (1–3) – *Report work patterns for **each shift of actual operations** in the **4th quarter of 2005.***
If the plant did not operate a second or third shift, do not complete the corresponding columns.

Column (4) – *Report work patterns as if the plant operated at **full production capability** as defined in item 2b.*

		Actual Operations			Full Production Capability
		Shift one	Shift two	Shift three	Number of shifts per day
	90	(1)	(2)	(3)	(4)
a. Days per week in operation	91				
b. Plant hours per week in operation	92				
c. Weeks in operation in the quarter	93				
d. Total number of production workers.	94				
e. Temporary production workers included in line d (not on the payroll and hired through temporary agencies or as their own agent; see instructions)	95				
		Mil. Thou. Hrs.	Mil. Thou. Hrs.	Mil. Thou. Hrs.	Mil. Thou. Hrs.
f. Total hours worked by production workers	96				
g. Hours worked by temporary production workers (**included** in line f)	97				
h. Overtime hours worked by production workers (**included** in line f)	98				

Item 4 FOURTH QUARTER ACTUAL OPERATIONS VS FULL PRODUCTION CAPABILITY FOR 2005

a. If this plant's **actual** production in the 4th quarter was **less** than **full production capability,** mark (X) the primary reasons:

- 51 ☐ Not most profitable to operate at full production capability
- 52 ☐ Insufficient supply of materials
- 53 ☐ Insufficient orders
- 54 ☐ Insufficient supply of local labor force/skills
- 55 ☐ Lack of sufficient fuel or electric energy
- 56 ☐ Equipment limitations
- 57 ☐ Storage limitations
- 58 ☐ Logistics/transportation constraints
- 59 ☐ Sufficient inventory of finished goods on hand
- 60 ☐ Strike or work stoppage
- 61 ☐ Seasonal operations
- 62 ☐ Environmental restrictions
- 68 ☐ Other – *Specify*
- 69

b. If **actual** operations in the 4th quarter were **less** than **full production capability,** how quickly could you increase to that level, if necessary? Assume sufficient demand for your product. Mark (X) the shortest amount of time you would require.

71 ☐ Less than 3 months 72 ☐ 3 to 6 months 73 ☐ 7 to 12 months 74 ☐ More than one year

Item 5 NATIONAL EMERGENCY PRODUCTION

		NATIONAL EMERGENCY PRODUCTION			
		4th QTR. 2005		4th QTR. 2004	
	$	Mil.	Thou.	Mil.	Thou.
a. Estimate the value of production for this plant as if it had been operating under **national emergency** conditions in the 4th quarter of 2005.	99				

Assume:

- **full** use of **all** your machinery and equipment, including that requiring reconditioning.
- plant production **as close to 168 hours per week as possible**, including extra shifts.
- **minimal** downtime.
- funding, labor, materials, components, utilities, etc., **are fully available to you and your suppliers.**
- your product mix **is** permitted to change.
- you can sell **all** of your output

See the instruction sheet for additional guidance.

b. If **actual** operations in the 4th quarter were **less** than **national emergency production,** how quickly could you increase to the national emergency production level if given emergency priority by the government? Mark (X) the shortest amount of time you would require.

82 ☐ Less than 3 months 83 ☐ 3 to 6 months 84 ☐ 7 to 12 months 85 ☐ More than one year

911 Remarks

Item 6 PERSON TO BE CONTACTED REGARDING THIS REPORT – *Print name and telephone number.*

Name	Telephone →	Area code	Number
		( )	

RETURN COMPLETED FORM TO

U.S. CENSUS BUREAU
1201 EAST 10TH STREET
JEFFERSONVILLE, IN 47132-0001