



JOB TASK ANALYSIS

Employer:	Stanislaus County
Occupation:	Psychiatric Nurse I, II
Company Contact:	CEO-Recruitment Unit
Date:	May 2011, Updated May 2012

Analysis Provided By: Lyle Andersen, PT, CWCE
Andersen Physical Therapy, Inc.
3500 Coffee Road, Suite 3
Modesto, California 95355
(209) 549-4626

INTRODUCTION:

A complete job description is available through Stanislaus County Human Resources. The environmental factors, physical and functional demands for this Job Task Analysis were documented by Andersen Physical Therapy, Inc. The methodology for documentation consisted of on-site visits, using various measuring devices such as dynamometers and scales, as well as observation and interviews with employees and managers. A detailed record was made of the physical and functional demands of the job in terms of force pounds, weight, frequency, height, distance, anthropometric measurements, stamina, and degrees of range of motion. The determination of the frequencies of functional activities is based on standards provided by the National Institute for Occupational Safety and Health (NIOSH) and the Work Practice Guide for Manual Lifting (U.S. Department of Commerce, National Technical Information Service).

The Job Task Analysis is organized as follows: General work description; safety requirements; equipment; environmental factors; and physical/functional demands.

Chief Executive Office – Recruitment Unit
P.O. Box 3404, Modesto, CA 95354 Phone (209) 525-6341 Fax (209) 525-4056

Chief Executive Office – Risk Management Division
1010 10th Street, Suite 5900, Modesto, CA 95354 Phone (209) 525-5710 Fax (209) 525-5779

GENERAL WORK DESCRIPTION:

The frequency of the following activities may vary according to the physical requirements of the specific job tasks that the employee may be required to perform at random intervals.

Under the general supervision of the department manager, the **Psychiatric Nurse I, II** independently provides assessment, diagnosis, prognosis, and counseling in community and technical personnel, may provide educational consultation services to other staff, community agencies, and the public and may administer and coordinate a program unit.

SPECIFIC DUTIES: Available through the Human Resources Department at the County of Stanislaus.

<http://www.stancounty.com/riskmgmt/risk-dm-jta-class-sub-main.shtm>

Safety Requirements: All employees are required to observe company safety procedures and standards to insure individual and collective safety, in addition to avoiding unnecessary risk to oneself, co-workers, customers, and property.

Equipment:

- | | |
|----------------------|------------------------------------|
| 1. Computer | 8. Refrigerator |
| 2. Copy machine | 9. Sample cabinet |
| 3. Facsimile machine | 10. Sphygomomanometer/stethoscopes |
| 4. Floor mat | 11. Syringe |
| 5. Keyboard | 12. Telephone |
| 6. Monitor | 13. Vehicle |
| 7. Mouse | 14. Vitals equipment |

*All employees within the **Psychiatric Nurse I, II** positions are required to provide physical assistance for all weight and frequency requirement needs of all job tasks in order to maintain a safe work environment. Employees must be physically capable of working in any of the job tasks within the **Psychiatric Nurse I, II** positions.*

ENVIRONMENTAL FACTORS

The following percentages are given in terms of an eight-hour workday:

Seldom = 1% - 2%
Occasional = 3% - 33%

Frequent = 34% - 66%
Constant = 67% - 100%

ENVIRONMENTAL FACTORS		MAXIMUM FREQUENCY
1.	Unprotected heights:.....	Not Applicable
2.	Being around moving machinery: traffic:.....	Occasional
3.	Exposure to marked changes in temperature and humidity:..... outside temperatures may seasonally vary between 28-110 degrees.	Not Applicable
4.	Exposure to dust, fumes, smoke, gases, or other irritating substances. <i>Respiratory protection is available for OC spray</i>	Not Applicable
5.	Driving: vehicle:.....	Occasional
6.	Exposure to excessive noise:..... <i>Hearing protection is available</i>	Not Applicable
7.	Exposure to radiant or electrical energy:.....	Not Applicable
8.	Exposure to solvents or chemicals:..... <i>Refer to MSDS document.</i>	Not Applicable
9.	Exposure to slippery or uneven walking surfaces: undeveloped ground:.....	Seldom
10.	Working below ground:.....	Not Applicable
11.	Unusual fatigue factors:	Not Applicable
12.	Working with explosives:.....	Not Applicable
13.	Excessive vibration:	Not Applicable
14.	Working with hands in water or other substance:..... <i>Hand protection is available</i>	Occasional
15.	Working proximity:..... Alone: Closely with others:	Seldom Constant
16.	Working inside:.....	Constant
17.	Working outside:.....	Occasional

FUNCTIONAL ACTIVITIES



The frequency of the following activities may vary according to the physical requirements of the specific job tasks the employee may be required to perform at random intervals.

PHYSICAL AND FUNCTIONAL REQUIREMENTS

<u>FREQUENCY DEFINITIONS</u>	<u>SELDOM</u>	<u>OCCASIONAL</u>	<u>FREQUENT</u>	<u>CONSTANT</u>
Percent of the Day	1-2%	3-33%	34-66%	67-100%
Material Handling	1-4 Reps	5-32 Reps	33-250 Reps	251-2,000 Reps
Non Material Handling	1-4 Reps	5-32 Reps	33-250 Reps	251-2,000 Reps
Repetitive & Static Work	1-50 Reps	51-250 Reps	251-1,000 Reps	1,001-20,000 Reps

1.) **PUSH**: *Pushing activities may require use of the back in conjunction with leg and arm musculature.*

MAXIMUM REQUIREMENT

0-10 pounds:	Occasional	Maximum Force: 15 Pounds
11-25 pounds:	Seldom	
26-100 pounds:	Not Required	

Assistive Devices: 4-Wheeled Cart, Hand Truck. Additionally, one person assistance is available with forces greater than 15 pounds.

Comments: Pushing is utilized with activities such as retrieving, returning, storing, adjusting, moving, and/or transporting equipment and supplies (e.g. door, file). The employee exerts up to 15 pounds of force in a horizontal plane from waist to shoulder height when performing job tasks (e.g. open/close door, file, cabinet).

2.) **PULL**: *Pulling activities may require use of the back in conjunction with leg and arm musculature.*

MAXIMUM REQUIREMENT

0-10 pounds:	Occasional	Maximum Force: 15 Pounds
11-25 pounds:	Seldom	
26-100 pounds:	Not Required	

Assistive Devices: 4-Wheeled Cart, Hand Truck. Additionally, one person assistance is available with forces greater than 15 pounds.

Comments: Pulling is utilized with activities such as retrieving, returning, storing, adjusting, moving, and/or transporting equipment and supplies (e.g. door, file). The employee exerts up to 15 pounds of force in a horizontal plane from waist to shoulder height when performing job tasks (e.g. open/close door, file, cabinet). *Pushing is the preferred method of moving carts.*

3.) **STAND-UP LIFT**: *Lifting weighted objects between floor and waist height.*

MAXIMUM REQUIREMENT

0-100 pounds:	Not Required	Maximum Force: 0 Pounds
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Assistive Devices: Not Required.

Comments: A stand-up lift is not utilized when performing job task.

4.) **LEVEL LIFT:** *Lifting weighted objects from between waist and chest height level for a maximum horizontal distance of up to four feet.*

MAXIMUM REQUIREMENT

0-10 pounds: Occasional
11-100 pounds: Not Required **Maximum Force:** 10 Pounds

Assistive Devices: 2 or 4-Wheeled Cart. Additionally, one person assistance is available with weights greater than 10 pounds.

Comments: A level lift is utilized with activities such as retrieving, returning, storing, adjusting, moving, and/or transporting equipment and supplies (e.g. documents). The employee lifts items weighing between <1 pound and 10 pounds when performing job tasks (e.g. chart, miscellaneous forms, satchel).

5.) **WEIGHT CARRY:** *Carrying weighted objects between waist and chest height beyond a distance of four feet.*

MAXIMUM REQUIREMENT

0-10 pounds: Occasional
11-100 pounds: Not Required **Maximum Force:** 10 Pounds

Assistive Devices: 2 or 4-Wheeled Cart. Additionally, one person assistance is available with weights greater than 10 pounds.

Comments: Weight carry is utilized with activities such as retrieving, returning, storing, adjusting, moving, and/or transporting equipment and supplies (e.g. documents). The employee carries items weighing between <1 pound and 10 pounds between 5 feet and 50+ feet when performing job tasks (e.g. chart, documents, satchel).

6.) **OVERHEAD LIFT/PULL DOWN:** *Lifting weighted object from/to chest and overhead height level.*

MAXIMUM REQUIREMENT

0-100 pounds: Not Required **Maximum Force:** 0 Pounds

Assistive Devices: Not Required.

Comments: Overhead lift/pull down is not utilized when performing job tasks. *Variables to overhead reaching will be the employee's height and anthropometric reach.*

7.) **OVERHEAD REACH:**

MAXIMUM FREQUENCY: Not Required

Comments: Overhead reach is not required to perform job tasks. *A ladder (appropriate height) or step stool may be utilized to bring items to eye or shoulder level. Variables to overhead reaching will be the employee's height and anthropometric reach.*

8.) **FORWARD REACH:**

**MAXIMUM
FREQUENCY:** Frequent

Comments: Forward reach is performed to a distance of 24 inches when retrieving, returning, storing, adjusting equipment, controls and supplies (e.g. desktop work; drive vehicle; dispense medications; patient vitals). *The degree of elbow extension required for reaching will vary according to the employee's anthropometric reach.*

9.) **STOOP:**

**MAXIMUM
FREQUENCY:** Not Required

Comments: Stooping is not required to perform job tasks. *Variable to stooping will be the employee's height. Stooping of the head, trunk and knees can be minimized or avoided by substituting alternate positions of squatting, kneeling or bending when performing job tasks.*

10.) **SQUAT:** (Unloaded)

**MAXIMUM
FREQUENCY:** Not Required

Comments: Squatting is not required to perform job tasks. *Squatting may be minimized or avoided by substituting alternate positions of bending or kneeling. Partial squatting is a preferred lifting posture.*

11.) **FORWARD BEND:**

**MAXIMUM
FREQUENCY:** Seldom

Comments: Bending forward at the waist is performed when retrieving, returning, storing, adjusting, moving, equipment and supplies (e.g. file, storage, drawer, cabinet; dispense medications; patient vitals). Maximum forward trunk flexion required is 45 degrees. *Employee may avoid excessive forward bending of the trunk up to 80 degrees by using alternate positions of bending at the hips, kneeling, half kneeling, stooping, sitting or squatting.*

12.) **TWIST:**

**MAXIMUM
FREQUENCY:** Seldom

Comments: Twisting at the waist to climb in/out of vehicle, drive vehicle. *Twisting at the waist may be minimized by turning the whole body, including the feet and working from a swivel chair.*

13.) **TURN:**

**MAXIMUM
FREQUENCY:** Occasional

Comments: Turning is required to perform job tasks when retrieving, returning, storing, adjusting, moving, equipment and supplies (e.g. dispense medications; patient vitals).

14.) **KNEEL:**

**MAXIMUM
FREQUENCY:** Not Required

Comments: Kneeling is not required to perform job tasks. *Kneeling may be minimized or avoided by substituting alternate positions of bending, squatting, or half kneeling.*

15.) **CRAWL:**

**MAXIMUM
FREQUENCY:** Not Required

Comments: Crawling is not required to perform job tasks.

16.) **STAIR CLIMB:**

**MAXIMUM
FREQUENCY:** Seldom

Comments: Stair climb is required in order to go to/from the private residence of client. Maximum number of 21 steps is climbed. Public buildings offer elevators.

17.) **LADDER CLIMB:**

**MAXIMUM
FREQUENCY:** Not Required

Comments: Ladder climbing is not required to perform job tasks. *Variables to overhead climbing will vary according to the employee's height and anthropometric reach.*

18.) **WALK:**

**MAXIMUM
FREQUENCY:** Frequent

Comments: Walking while performing job tasks (e.g. walk to/from vehicle and work site; retail store; public agencies and/or colleagues; physician office; consulting with collaborating agencies; courthouse; family visit; hospital; behavioral health center). Walking length varies between 3 feet and 600+ feet depending on job task.

19.) **SIT:**

**MAXIMUM
FREQUENCY:** Frequent

Comments: Sitting is performed for a maximum of 120-minute intervals when performing job tasks (e.g. sit to perform desk work, interviews, meetings; drive vehicle).

20.) **STAND:** (Static)

**MAXIMUM
FREQUENCY:** Occasional

Comments: Static standing is performed for a maximum of 15-minute intervals when performing job tasks (e.g. stand for interview and client evaluation; retail store; public agency; consulting with collaborating agency; dispense medications; patient vitals).

21.) **BALANCE:**

**MAXIMUM
FREQUENCY:** Frequent

Comments: Adequate balance is required for safe walking, standing, climbing, reaching and lifting.

22.) **HAND/FOOT CONTROL:**

	<u>MAXIMUM REQUIREMENT</u>
HAND:	
Right:	Occasional
Left:	Occasional
Both:	Occasional
Either:	Not Required
FOOT:	
Right:	Occasional
Left:	Seldom
Both:	Not Required
Either:	Not Required

Comments: Hand controls are utilized to operate equipment (e.g. vehicle) when adjusting controls (e.g. drive vehicle). Foot controls are utilized to operate equipment (e.g. drive vehicle)

23.) **UPPER AND LOWER EXTREMITY COORDINATION:**

	<u>MAXIMUM REQUIREMENT</u>
Simple Grasp:	Occasional
Firm Grasp:	Seldom
Fine Manipulation:	Frequent
Eye/Hand Coordination:	Frequent
Hand/Foot Coordination:	Occasional

Comments: Grasping and coordination activities are performed when retrieving, returning, storing, adjusting, moving, and/or transporting equipment, controls, and supplies (e.g. vehicle, desktop work).

Simple grasping is utilized to perform job tasks (e.g. lift and manipulate objects weighing less than 5 pounds; drive vehicle, file; dispense medications; patient vitals).

Firm grasping is utilized to perform job tasks (e.g. lift and handle objects weighing 5 pounds or greater; drive vehicle).

Fine manipulation is utilized to perform job tasks (e.g. keyboard, mouse, telephone, copy machine, page turn, sort, file, handwriting, dispense medications, patient vitals).

Eye/hand coordination is utilized to perform job tasks (e.g. keyboard, mouse, telephone, copy machine, page turn, sort, file, handwriting; drive vehicle; dispense medications; patient vitals).

Hand/foot coordination is utilized to perform job tasks (e.g. drive vehicle).

Depending on individual hand dominance, one hand may be used more frequently than the other when performing job tasks.

24.) **CERVICAL (NECK) MOVEMENT:**

	<u>MAXIMUM REQUIREMENT</u>
Static Neutral Position:	Frequent
Flexing:	Occasional
Rotating:	Occasional
Extending:	Not Required

Comments: Neck movement is required when performing job tasks (e.g. desktop work; drive vehicle; patient interview; visual surveillance of clients living conditions in order to determine self care and/or survival abilities; dispense medications; patient vitals). *Participating in observation of work environment allowing for safe working conditions. Full cervical range of motion is required to safely perform the job tasks.*

{End of Report}



Stanislaus County

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The following is a summary of the physical demands of the Job Task Analysis that were obtained for the position of:

PSYCHIATRIC NURSE I, II

<u>Functional Activities</u>	<u>Maximum Requirements</u>	<u>Functional Activities</u>	<u>Maximum Requirements</u>
<i>Push (Force)</i> ¹	15 pounds	<i>Stair Climb</i> ¹	Seldom
<i>Pull (Force)</i> ¹	15 pounds	<i>Ladder Climb</i> ¹	Not Required
<i>Stand Up Lift</i> ¹	0 pounds	<i>Walk</i> ¹	Frequent
<i>Level Lift</i> ¹	10 pounds	<i>Sit</i> ¹	Frequent
<i>Weight Carry</i> ¹	10 pounds	<i>Stand (Static)</i> ¹	Occasional
<i>Overhead Lift/Pull Down</i>	0 pounds	<i>Balance</i> ¹	Frequent
<i>Overhead Reach</i> ¹	Not Required	<i>Hand Control</i> ¹	Occasional
<i>Forward Reach</i> ¹	Frequent	<i>Foot Control</i> ¹	Occasional
<i>Stoop</i> ¹	Not Required	<i>Simple Grasp</i> ¹	Occasional
<i>Squat (Unloaded)</i> ¹	Not Required	<i>Firm Grasp</i> ¹	Seldom
<i>Forward Bend</i> ¹	Seldom	<i>Fine Manipulation</i> ¹	Frequent
<i>Twist</i> ¹	Seldom	<i>Eye/Hand Coordination</i> ¹	Frequent
<i>Turn</i> ¹	Occasional	<i>Hand/Foot Coordination</i> ¹	Occasional
<i>Kneel</i> ¹	Not Required	<i>Cervical (neck) Movement</i> ¹	Frequent
<i>Crawl</i>	Not Required		

¹ The critical demands of the job.

Lyle Andersen, PT

Date: _____

Lyle Andersen, PT, CWCE
Preparer Signature

Christi Seld

Date: _____

Contact Person
Title

Date: _____

Contact Person
Title

Date: _____

Contact Person
Title

LA/au