Iowa Department of Inspections and Appeals
Health Facilities Division
Citation

Citation Number: **#10196**			**Date:** **February 6, 2024**
Facility Name: **Mississippi Valley**		**Survey Dates:** **January 18, 2024- January 24, 2024**	
Facility Address/City/State/Zip **500 Messenger Road** **Keokuk, IA 52632**	**CP**		

Rule or Code Section	Nature of Violation	Class	Fine Amount	Correction date
58.28(3)e	**481—58.28(135C) Safety.** The licensee of a nursing facility shall be responsible for the provision and maintenance of a safe environment for residents and personnel. (III). **58.28(3)** Resident safety **e**. Each resident shall receive adequate supervision to protect against hazards from self, others, or elements in the environment. (I, II, III). **DESCRIPTION:** Based on clinical record review, observation and staff interviews the facility failed to identify increased water temperatures during a shower that resulted in second degree burns to one of three residents reviewed (Resident #1). The facility reported a census of 60 residents. Findings include: The Quarterly Minimum Data Set (MDS) Assessment for Resident #1 dated 12/14/23, listed diagnoses including debilitating cardiorespiratory (relating to the action of both heart and lungs) condition, quadriplegia (paralysis of all four limbs) and respiratory failure. The MDS identified Resident #1 in a persistent vegetative	**CLASS I**	**$7,500.00** **(HELD UNDER SUSPENSION)**	**UPON RECEIPT**

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Facility Administrator Date

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	state, and dependent on staff for all activities of daily living (ADL). The Care Plan for Resident #1 dated 11/21/219, directed staff as follows: the resident required total assistance of 2 staff with bed mobility, positioning, dressing, grooming, hygiene and transfers with a full body lift. Resident #1's Event Report dated 1/16/24 at 10:25 p.m., documented that a Certified Nurses Aid (CNA) alerted Staff B, Registered Nurse (RN) that he failed to realize as he sprayed water over Resident #1's chest and torso that the water temperature got hot and caused the resident skin to turn red. The Note described Resident #1's abdomen/torso appeared red from the nipple line to just below umbilicus (belly button) and across abdomen, a small intact blister to the left border. Staff applied a normal saline soaked gauze to the area, obtained vitals and assessed pain on a "faces" scale at 4 out of 10. The nurse notified the Physician, who ordered a wound treatment to start as soon as the pharmacy delivered, ordered to continue saline soaks as needed to cool the area, monitor for blister worsening throughout the night and call with changes.			

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	The Medication Administration Record (MAR) dated January 2024, showed on 1/16/24 staff administered an as needed (PRN) Oxycodone 5 milligrams (mg) at 10:44 p.m., and a PRN Acetaminophen 650 mg at 2:42 a.m. The Wound Information for Resident #1 dated 1/17/23 at 8:46 a.m., identified a burn to the mid chest, anterior (front) torso 60 centimeters (cm) long by 47 cm wide. The description reflected a large amount of serous (clear, amber, thin and watery) drainage, and described the burn type as partial thickness: redness, blistered, moist, painful. The Progress Notes included a Wound note dated 1/20/24 at 11:31 a.m., from Staff C, Nurse Practitioner (NP) Chronic Wound Care Nurse (CWCN) documented: Resident#1 recent burn injury to anterior torso from chest to navel. The burn reportedly caused from hot water during a shower. The burns covered with Silvadene cream. The burns classified as superficial partial thickness with blisters that have unroofed (skin rubbed off), moist, red, weeping areas. Some burn areas are dried with dried drainage encrusted wound bed. Planned to continue Silvadene cream and add Xeroform gauze (fine mesh gauze occlusive dressing) over Silvadene, then dry gauze or abdominal (ABD)			

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	pad for drainage. The NP started oral antibiotic as the patient is febrile (fever) today. The note confirmed Resident #1 needed a dietary consult and labs checked. On 1/18/24 at 9:01 a.m., Staff E, Maintenance Supervisor, reported both of the water heaters set at 115 degrees, as of the day before. Staff E, stated the water heaters previously were set at 120 degrees. Staff E, revealed management directed the water temperature lowed because someone received a burn. On 1/18/24 at 10:25 a.m., Resident #1's right upper chest appeared like a popped blister, approximately greater than 50% of the torso affected, reddened to the left mid chest underneath the left nipple area extended in the direction of the resident's back, and a blistered left middle chest. Staff D, RN, treated the wounds with cream per the Physician's order. On 1/18/24 at 10:48 a.m., the Director of Nursing (DON) reported the Physician ordered scheduled pain medication, increased free water flushes via tube feeding and ordered labs done. The DON identified the burn as second-degree burns.			

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	On 1/22/24 at 2:52 p.m., Staff A, Certified Nurses Aid, (CNA) explained and demonstrated the process of the shower he provided Resident #1 on 1/16/24. He explained at the end of the shift on 1/16/24 about 10:00 p.m. the nurse reminded him of the shower and he thought he'd get it done fast. Staff A, reported he got Resident #1 in the shower chair, took him in the shower room. Staff A, demonstrated he took the hand-held shower head off the mount with his gloved hands and turned the water on. He reported the water temperature felt warm with his gloved hand, but not hot. Staff A reported he held the shower head in one hand, wet the resident and washed the resident with the other hand. Staff A, confirmed he kept the water on Resident #1 as he washed him to keep him warm. Staff A confirmed he failed to notice the water temperature got increased. Staff A, revealed he identified something's wrong as he dried Resident #1 and his skin peeled off. Staff A, stated he immediately reported to the nurse. Staff A reported the whole shower took about 10 minutes. The facility provided a document signed by the DON dated 1/18/24, that included her investigation summary. The document reflected Staff A failed to notice that the temperature of the water changed during the shower he gave Resident #1. The			

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	document reflected staff A received and signed a disciplinary action form. The facility Progressive Discipline Notification System for Employees dated 1/16/24, identified Staff A, rushed during care resulting injury. The facility provided the Bathing the Patient Procedure undated, that directed at point number seven, fill the tub half full of water at a temperature of 110 degrees Fahrenheit and check it with a bath thermometer. Or turn on the shower and adjust the water temperature. **FACILITY RESPONSE:**			

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